

GenCore version 5.1.7
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OW protein - protein search, using sw model

Run on: February 8, 2006, 15:32:29 ; Search time 49 Seconds
(without alignments)
676.591 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 401
Sequence: 1 MNMLCALVFLDISIKMT.....QKLFLEMGVQSVKISCL 401

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 30

Total number of hits satisfying chosen parameters: 78

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5 COMB.pep:*
2: /cgn2_6/prodata/1/1aa/6 COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	401	100.0	401	2	US-09-153-927-1
2	401	100.0	401	2	US-09-072-993-C-1
3	398	99.3	401	2	US-10-232-858-5
4	398	99.3	401	2	US-09-338-063A-5
5	396	98.8	399	2	US-10-232-858-73
6	396	98.8	399	2	US-09-338-063A-73
7	396	98.8	401	2	US-10-232-858-66
8	396	98.8	401	2	US-09-338-063A-66
9	391	97.5	391	2	US-10-232-858-106
10	391	97.5	391	2	US-09-338-063A-106
11	388	96.8	393	2	US-10-232-858-79
12	388	96.8	393	2	US-09-338-063A-79
13	380	94.8	380	2	US-10-232-858-4
14	380	94.8	380	2	US-09-338-063A-4
15	348	86.8	351	2	US-10-232-858-74
16	348	86.8	351	2	US-09-338-063A-74
17	338	84.3	360	2	US-10-232-858-67
18	338	84.3	360	2	US-09-338-063A-67
19	315	78.6	321	2	US-10-232-858-80
20	315	78.6	321	2	US-09-338-063A-80
21	315	78.6	401	2	US-10-232-858-65
22	315	78.6	401	2	US-09-338-063A-65
23	306	76.3	394	2	US-10-232-858-9
24	306	76.3	394	2	US-09-338-063A-9
25	300	74.8	401	2	US-08-974-022-6
26	300	74.8	401	2	US-09-042-785A-12
27	300	74.8	401	2	US-08-795-445A-6

28	300	74.8	401	2	US-08-795-447A-6	Sequence 6, Appl
29	300	74.8	401	2	US-08-974-186-6	Sequence 6, Appl
30	300	74.8	401	2	US-08-795-445A-6	Sequence 6, Appl
31	300	74.8	401	2	US-08-706-945D-128	Sequence 128, Appl
32	300	74.8	401	2	US-08-577-788C-6	Sequence 6, Appl
33	300	74.8	401	2	US-08-577-788C-56	Sequence 56, Appl
34	300	74.8	401	2	US-09-064-832-2	Sequence 2, Appl
35	297	74.1	401	2	US-10-232-858-62	Sequence 62, Appl
36	297	74.1	401	2	US-10-232-858-63	Sequence 63, Appl
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38	297	74.1	401	2	US-09-338-063A-62	Sequence 62, Appl
39	297	74.1	401	2	US-09-338-063A-63	Sequence 63, Appl
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41	296	73.8	359	2	US-10-232-858-68	Sequence 68, Appl
42	296	73.8	359	2	US-09-338-063A-68	Sequence 68, Appl
43	290	72.3	362	2	US-10-232-858-11	Sequence 11, Appl
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45	270	67.3	337	2	US-10-232-858-72	Sequence 72, Appl
46	270	67.3	337	2	US-09-338-063A-72	Sequence 72, Appl
47	269	67.1	272	2	US-10-232-858-75	Sequence 75, Appl
48	269	67.1	272	2	US-09-338-063A-75	Sequence 75, Appl
49	262	65.3	233	2	US-09-896-096A-18	Sequence 18, Appl
50	258	64.3	363	2	US-10-232-858-69	Sequence 69, Appl
51	258	64.3	363	2	US-09-338-063A-69	Sequence 69, Appl
52	216	53.9	359	2	US-10-232-858-70	Sequence 70, Appl
53	216	53.9	359	2	US-09-338-063A-70	Sequence 70, Appl
54	195	48.6	326	2	US-10-232-858-71	Sequence 71, Appl
55	195	48.6	326	2	US-09-338-063A-71	Sequence 71, Appl
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60	161	40.1	161	2	US-09-632-277A-3	Sequence 3, Appl
61	158	39.4	158	2	US-09-422-680A-24	Sequence 24, Appl
62	147	36.7	147	2	US-09-527-236A-20	Sequence 20, Appl
63	147	36.7	147	2	US-09-756-854-20	Sequence 20, Appl
64	147	36.7	147	2	US-10-041-574-20	Sequence 20, Appl
65	147	36.7	147	2	US-09-095-094-20	Sequence 20, Appl
66	146	36.4	146	2	US-09-523-323-58	Sequence 58, Appl
67	144	35.9	364	2	US-08-706-945D-142	Sequence 142, Appl
68	140	34.9	143	2	US-09-338-063A-77	Sequence 77, Appl
69	140	34.9	143	2	US-09-338-063A-77	Sequence 77, Appl
70	139	34.7	139	2	US-08-706-945D-130	Sequence 130, Appl
71	134	33.4	145	2	US-10-232-858-15	Sequence 15, Appl
72	134	33.4	145	2	US-09-338-063A-15	Sequence 15, Appl
73	127	31.7	154	2	US-10-232-858-13	Sequence 13, Appl
74	127	31.7	154	2	US-09-338-063A-13	Sequence 13, Appl
75	103	25.7	106	2	US-10-232-858-78	Sequence 78, Appl
76	103	25.7	106	2	US-09-338-063A-78	Sequence 78, Appl
77	79	19.7	84	2	US-10-232-858-82	Sequence 82, Appl
78	79	19.7	84	2	US-09-338-063A-82	Sequence 82, Appl

RESULT 1
US-09-153-927-1
; Sequence 1, Application US/09153927A
; Patent No. 6297022
GENERAL INFORMATION:
APPLICANT: McDonnell, Peter C.
APPLICANT: Young, Peter R.
TITLE OF INVENTION: A Method of Identifying Agonists and
TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3
TITLE OF INVENTION: and TRS
FILE REFERENCE: GH50031
CURRENT APPLICATION NUMBER: US/09/153,927A
CURRENT FILING DATE: 1998-09-16
EARLIER APPLICATION NUMBER: 60/061,334
EARLIER FILING DATE: 1997-10-08
NUMBER OF SEQ ID NOS: 11

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Human
US-09-153-927-1

Query Match          100.0%; Score 401; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNTLLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHTAKMKT 60
DB 1 MNTLLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHTAKMKT 60
QY 61 VCAPCPDHYTDSWHTSDCLCYSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLK 120
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DB 61 VCAPCPDHYTDSWHTSDCLCYSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLK 120
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DB 121 HRSCEPGFVVOAGTPERNVCKRCPDGFPNSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
QY 121 HRSCEPGFVVOAGTPERNVCKRCPDGFPNSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
DB 121 HRSCEPGFVVOAGTPERNVCKRCPDGFPNSNETSSKAPCRKHTNCSVFGLLLTQGNAT 180
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DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRFAPVPTKTPNMLSVLVDNLPGTKVAASEVERI 240
QY 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRFAPVPTKTPNMLSVLVDNLPGTKVAASEVERI 240
DB 181 HDNFCGNSBSTQKCGIDVTLCBEAFPRFAPVPTKTPNMLSVLVDNLPGTKVAASEVERI 240
QY 241 KRQHSQEQOTFOLLKLMKQKQODIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
DB 241 KRQHSQEQOTFOLLKLMKQKQODIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
QY 241 KRQHSQEQOTFOLLKLMKQKQODIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
DB 241 KRQHSQEQOTFOLLKLMKQKQODIVKTIIDIDCENSVOHIGHANLTFEQLSLME 300
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DB 301 SLPGKKVGAEDIEKTIKACPSDQILKLSLWRKNGDDDTLKGMLHALKHSKTYHFPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLPLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLPLEMIGNOVQSVKISCL 401

RESULT 2
US-09-072-993C-1
; Sequence 1, Application US/09072993C
; Patent No. 6346388
; GENERAL INFORMATION:
; APPLICANT: Michael R. Brigham-Burke
; APPLICANT: Peter R. Young
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
; FILE REFERENCE: GH-50030
; CURRENT APPLICATION NUMBER: US/09/072,993C
; CURRENT FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-072-993C-1

Query Match          100.0%; Score 401; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MNTLLCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHTAKMKT 60
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DB 361 VTQSLKKTIRFLHSFTMYKLYQKLPLEMIGNOVQSVKISCL 401

RESULT 3
US-10-232-858-5
; Sequence 5, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6855808uyuki
; APPLICANT: YASUDA, Hiataka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232,858
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915,004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-232-858-5

Query Match          99.3%; Score 398; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 398; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 LILCCALVFLDISIKMTTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHTAKMKTVCA 63
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DB 64 PCPDHYTDSWHTSDCLCYSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRS 123
QY 124 CPDHYTDSWHTSDCLCYSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRS 163
DB 124 CPDHYTDSWHTSDCLCYSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRS 163
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DB 184 ICSGNSSTOKCGIDVTLCCEAFRRPVPKFTFPMNLVLDNLPGTKVAESVERIKRQ 243
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DB 244 HSSBQOTFOLLKLMKQKODIVKIIODIDCENSVOHIGHANTFQOLSLMESLP 303
QY 304 GKVGADIEKTIKACRPSQIILKLSLWIKNGDQDTLKGMLALHGSTYHFPKTVTQ 363
DB 304 GKVGADIEKTIKACRPSQIILKLSLWIKNGDQDTLKGMLALHGSTYHFPKTVTQ 363
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DB 364 SLKKTIFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401

RESULT 4

US-09-338-063A-5
Sequence 5, Application US/09338063A
Patent No. 6919434
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6919434yuki
APPLICANT: YASUDA, Hiataaka
APPLICANT: NAKAGAWA, No. 6919434uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masaetsugu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
FILE REFERENCE: 16991.005
CURRENT APPLICATION NUMBER: US/09/338, 063A
CURRENT FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 08/915, 004
PRIOR FILING DATE: 1997-08-20
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: JP 207508/1995
PRIOR FILING DATE: 1995-07-21
PRIOR APPLICATION NUMBER: JP 054977/1995
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-09-338-063A-5

Query Match 99.3%; Score 398; DB 2; Length 401;

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 LILCALVFLDISIKMTQETFPKYLHYDETSQHLCDKCPGTYLKQHTAKMKTVC 63
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DB 64 PCPDHYTDSWMTSDECLYSPVCKELQYVKQECNRTNHNVCCKEGRYIEIFCLHRS 123
QY 124 CPDGFVGVQAGTEBRNTVCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTOGNATHDN 183
DB 124 CPDGFVGVQAGTEBRNTVCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTOGNATHDN 183
QY 184 ICSGNSSTOKCGIDVTLCCEAFRRPVPKFTFPMNLVLDNLPGTKVAESVERIKRQ 243
DB 184 ICSGNSSTOKCGIDVTLCCEAFRRPVPKFTFPMNLVLDNLPGTKVAESVERIKRQ 243

QY 244 HSSBQOTFOLLKLMKQKODIVKIIODIDCENSVOHIGHANTFQOLSLMESLP 303
DB 244 HSSBQOTFOLLKLMKQKODIVKIIODIDCENSVOHIGHANTFQOLSLMESLP 303
QY 304 GKVGADIEKTIKACRPSQIILKLSLWIKNGDQDTLKGMLALHGSTYHFPKTVTQ 363
DB 304 GKVGADIEKTIKACRPSQIILKLSLWIKNGDQDTLKGMLALHGSTYHFPKTVTQ 363
QY 364 SLKKTIFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 364 SLKKTIFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401

RESULT 5

US-10-232-858-73
Sequence 73, Application US/10232858
Patent No. 6855808
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6855808yuki
APPLICANT: YASUDA, Hiataaka
APPLICANT: NAKAGAWA, No. 6855808uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masaetsugu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
FILE REFERENCE: 16991.004
CURRENT APPLICATION NUMBER: US/10/232, 858
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: 08/915, 004
PRIOR FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 73
LENGTH: 399
TYPE: PRT
ORGANISM: Homo sapiens
US-10-232-858-73

Query Match 98.8%; Score 396; DB 2; Length 399;

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

DB 4 LILCALVFLDISIKMTQETFPKYLHYDETSQHLCDKCPGTYLKQHTAKMKTVC 63
DB 4 LILCALVFLDISIKMTQETFPKYLHYDETSQHLCDKCPGTYLKQHTAKMKTVC 63
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DB 64 PCPDHYTDSWMTSDECLYSPVCKELQYVKQECNRTNHNVCCKEGRYIEIFCLHRS 123
QY 124 CPDGFVGVQAGTEBRNTVCRCPDGFPSNETSSKAPCRKHTNCSVFGILLTOGNATHDN 183
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DB 304 GKVGADIEKTIKACRPSQIILKLSLWIKNGDQDTLKGMLALHGSTYHFPKTVTQ 363

Qy 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399
|
Db 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399

RESULT 6
US-09-338-063A-73
; Sequence 73, Application US/09338063A
; Patent No. 6919434
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOHAYASHI, Fumie
; APPLICANT: SHIMA, No. 6919434yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
; FILE REFERENCE: 16991.005
; CURRENT APPLICATION NUMBER: US/09/338, 063A
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: JP 207508/1995
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: JP 054977/1995
; PRIOR FILING DATE: 1995-02-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 399
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-338-063A-73

Query Match 98.8%; Score 396; DB 2; Length 399;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 LILCCALVFLDISIKMTQETFPKYLHYDEBESHQLCDKCPGGTYLKQCTAKMTVCA 63
|
Db 4 LILCCALVFLDISIKMTQETFPKYLHYDEBESHQLCDKCPGGTYLKQCTAKMTVCA 63
|
Qy 64 PCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEFCLKHRS 123
|
Db 64 PCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEFCLKHRS 123
|
Qy 124 CPDGFVVOAGTPERNTVCKRCPDGFFSNETS SKAPCRKHTNCSVFGLLLTQGNATHDN 183
|
Db 124 CPDGFVVOAGTPERNTVCKRCPDGFFSNETS SKAPCRKHTNCSVFGLLLTQGNATHDN 183
|
Qy 184 ICSGNSSTQKCGIDVTLCBEAFRRFAVPTKTPNMLSVLVNDLPGTKVNAESVERIKRQ 243
|
Db 184 ICSGNSSTQKCGIDVTLCBEAFRRFAVPTKTPNMLSVLVNDLPGTKVNAESVERIKRQ 243
|
Qy 244 HSGOEQTFOLLKLMKQNDODIVKKI IODIDLCNSVORHIGHANLTFFQSLMESLP 303
|
Db 244 HSGOEQTFOLLKLMKQNDODIVKKI IODIDLCNSVORHIGHANLTFFQSLMESLP 303
|
Qy 304 GKRVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLHAKHSKTYHFPKTVTQ 363
|
Db 304 GKRVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLHAKHSKTYHFPKTVTQ 363
|
Qy 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399
|
Db 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399

RESULT 7
US-10-232-858-66
; Sequence 66, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOHAYASHI, Fumie
; APPLICANT: SHIMA, No. 6855808yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masatsugu
; TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232, 858
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-232-858-66

Query Match 98.8%; Score 396; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 LILCCALVFLDISIKMTQETFPKYLHYDEBESHQLCDKCPGGTYLKQCTAKMTVCA 63
|
Db 4 LILCCALVFLDISIKMTQETFPKYLHYDEBESHQLCDKCPGGTYLKQCTAKMTVCA 63
|
Qy 64 PCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEFCLKHRS 123
|
Db 64 PCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEFCLKHRS 123
|
Qy 124 CPDGFVVOAGTPERNTVCKRCPDGFFSNETS SKAPCRKHTNCSVFGLLLTQGNATHDN 183
|
Db 124 CPDGFVVOAGTPERNTVCKRCPDGFFSNETS SKAPCRKHTNCSVFGLLLTQGNATHDN 183
|
Qy 184 ICSGNSSTQKCGIDVTLCBEAFRRFAVPTKTPNMLSVLVNDLPGTKVNAESVERIKRQ 243
|
Db 184 ICSGNSSTQKCGIDVTLCBEAFRRFAVPTKTPNMLSVLVNDLPGTKVNAESVERIKRQ 243
|
Qy 244 HSGOEQTFOLLKLMKQNDODIVKKI IODIDLCNSVORHIGHANLTFFQSLMESLP 303
|
Db 244 HSGOEQTFOLLKLMKQNDODIVKKI IODIDLCNSVORHIGHANLTFFQSLMESLP 303
|
Qy 304 GKRVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLHAKHSKTYHFPKTVTQ 363
|
Db 304 GKRVGADIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLHAKHSKTYHFPKTVTQ 363
|
Qy 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399
|
Db 364 SLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKIS 399

RESULT 8
US-09-338-063A-66
; Sequence 66, Application US/09338063A
; Patent No. 6919434
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki

```

; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6919434yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masateugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
; FILE REFERENCE: 16991.005
; CURRENT APPLICATION NUMBER: US/09/338, 063A
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: JP 207508/1995
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: JP 054977/1995
; PRIOR FILING DATE: 1995-02-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-338-063A-66

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Query Match      98.8%; Score 396; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 396; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 4 LILCALVFLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPPTYLKQCTAKMTVCA 63
DB 4 LILCALVFLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPPTYLKQCTAKMTVCA 63
QY 64 PCPDHYTTDSMHTSDECLYSPCKELQYVKQECNRTNHNVCCEKERYEIEFCLHRS 123
DB 64 PCPDHYTTDSMHTSDECLYSPCKELQYVKQECNRTNHNVCCEKERYEIEFCLHRS 123
QY 124 CPFGFVVOAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHDN 183
DB 124 CPFGFVVOAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHDN 183
QY 184 ICSGNESTQKCGIDVTLCEBAFFRFAVPTKFTPNMISVLVDNLPGTKVAESVERIKRQ 243
DB 184 ICSGNESTQKCGIDVTLCEBAFFRFAVPTKFTPNMISVLVDNLPGTKVAESVERIKRQ 243
QY 244 HSGQEQTFOLLLKMKQKQODIVKIIQDIDICENSVOHIGHANLTFQOLSLMESLP 303
DB 244 HSGQEQTFOLLLKMKQKQODIVKIIQDIDICENSVOHIGHANLTFQOLSLMESLP 303
QY 304 GKRYGABEDIKTIKACRPSQIILKLSLWRIKNGDDOTLLKGLMHALKSXTYHPKTVIQ 363
DB 304 GKRYGABEDIKTIKACRPSQIILKLSLWRIKNGDDOTLLKGLMHALKSXTYHPKTVIQ 363
QY 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKIS 399
DB 364 SLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKIS 399

```

```

RESULT 9
US-10-232-858-106
; Sequence 106, Application US/10232858
; Patent No. 6855808
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: TSUDA, Eisuke
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie

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; APPLICANT: SHIMA, No. 6855808yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6855808uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masateugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
; FILE REFERENCE: 16991.004
; CURRENT APPLICATION NUMBER: US/10/232, 858
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: PCT/JP96/00374
; PRIOR FILING DATE: 1996-02-20
; PRIOR APPLICATION NUMBER: 08/915, 004
; PRIOR FILING DATE: 1997-08-20
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 391
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-232-858-106

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Query Match      97.5%; Score 391; DB 2; Length 391;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 391; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 11 FLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPPTYLKQCTAKMTVCAPCPDHY 70
DB 1 FLDISIKMTQETFPPEKYLHYDEBTSQHLCDKCPPTYLKQCTAKMTVCAPCPDHY 70
QY 71 TDSMHTSDECLYSPCKELQYVKQECNRTNHNVCCEKERYEIEFCLHRSQPGFV 130
DB 61 TDSMHTSDECLYSPCKELQYVKQECNRTNHNVCCEKERYEIEFCLHRSQPGFV 120
QY 131 VOAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHDNICSGNSE 190
DB 121 VOAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLTQGNATHDNICSGNSE 180
QY 191 STQKCGIDVTLCEBAFFRFAVPTKFTPNMISVLVDNLPGTKVAESVERIKRQHSQEQ 250
DB 181 STQKCGIDVTLCEBAFFRFAVPTKFTPNMISVLVDNLPGTKVAESVERIKRQHSQEQ 240
QY 251 FOLLKLMKQKQODIVKIIQDIDICENSVOHIGHANLTFQOLSLMESLGGKYGAE 310
DB 241 FOLLKLMKQKQODIVKIIQDIDICENSVOHIGHANLTFQOLSLMESLGGKYGAE 300
QY 311 DIKTIKACRPSQIILKLSLWRIKNGDDOTLLKGLMHALKSXTYHPKTVOSLKTIR 370
DB 301 DIKTIKACRPSQIILKLSLWRIKNGDDOTLLKGLMHALKSXTYHPKTVOSLKTIR 360
QY 371 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 401
DB 361 FLHSFTMYKLYQKLFLEMIGNOVSVKISGL 391

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```

RESULT 10
US-09-338-063A-106
; Sequence 106, Application US/09338063A
; Patent No. 6919434
; GENERAL INFORMATION:
; APPLICANT: GOTO, Masaaki
; APPLICANT: MOCHIZUKI, Shin'ichi
; APPLICANT: YANO, Kazuki
; APPLICANT: KOBAYASHI, Fumie
; APPLICANT: SHIMA, No. 6919434yuki
; APPLICANT: YASUDA, Hiastaka
; APPLICANT: NAKAGAWA, No. 6919434uaki
; APPLICANT: MORINAGA, Tomonori
; APPLICANT: UEDA, Masateugu
; APPLICANT: HIGASHIO, Kanji
; TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
; FILE REFERENCE: 16991.005

```

```
/ CURRENT APPLICATION NUMBER: US/09/338, 063A
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR APPLICATION NUMBER: US 08/915, 004
/ PRIOR FILING DATE: 1997-08-20
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR FILING DATE: 1995-02-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 106
/ LENGTH: 391
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-338-063A-106

Query Match          97.5%; Score 391; DB 2; Length 391;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 391; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 FLDISIMWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVCAPCPDHY 70
DB 1 FLDISIMWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVCAPCPDHY 60

QY 71 TDSMHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHSRCPFGV 130
DB 61 TDSMHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHSRCPFGV 120

QY 131 VQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI 190
DB 121 VQAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI 180

QY 191 STQCGIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQHSQEQ 250
DB 181 STQCGIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQHSQEQ 240

QY 251 FOLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTFPEQLASLMSLPGKVGAE 310
DB 241 FOLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTFPEQLASLMSLPGKVGAE 300

QY 311 DIETIKACKPSDQILKLSLWRIKNGDDTLKGLMHALKSKTYHPKTVTOSLAKTIR 370
DB 301 DIETIKACKPSDQILKLSLWRIKNGDDTLKGLMHALKSKTYHPKTVTOSLAKTIR 360

QY 371 FLHSFTMYKLYOKLPLEMIGNOVSVKISCL 401
DB 361 FLHSFTMYKLYOKLPLEMIGNOVSVKISCL 391

RESULT 11
US-10-232-858-79
/ Sequence 79, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991, 004
/ CURRENT APPLICATION NUMBER: US/10/232, 858
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
```

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/ PRIOR APPLICATION NUMBER: 08/915, 004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 79
/ LENGTH: 393
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-79

Query Match          96.8%; Score 388; DB 2; Length 393;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 388; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LILCALVPLDISIKWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVC 63
DB 4 LILCALVPLDISIKWTQETFPKRYLHYDEETSHQLCDKCPGTYLKQHTAKMTVC 63

QY 64 PCPDHYTTSWHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHS 123
DB 64 PCPDHYTTSWHTSDECLYSPVCKELQYVQKQBCNRTNHRVCECKEGRYLEIEFCLKHS 123

QY 124 CPDGFVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHD 183
DB 124 CPDGFVVOAGTPERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHD 183

QY 184 ICSGNEESTQKCIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQ 243
DB 184 ICSGNEESTQKCIDVTLCBEAFRRFVPTKTPNMLSVLVNDLPRTKVAESVERIKRQ 243

QY 244 HSSQEQTFOLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTFPEQLASLMSL 303
DB 244 HSSQEQTFOLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTFPEQLASLMSL 303

QY 304 GKRVGAEDEIKTIKACKPSDQILKLSLWRIKNGDDTLKGLMHALKSKTYHPKTV 363
DB 304 GKRVGAEDEIKTIKACKPSDQILKLSLWRIKNGDDTLKGLMHALKSKTYHPKTV 363

QY 364 SLKKTIRFLHSFTMYKLYOKLPLEMIGN 391
DB 364 SLKKTIRFLHSFTMYKLYOKLPLEMIGN 391

RESULT 12
US-09-338-063A-79
/ Sequence 79, Application US/09338063A
/ Patent No. 6919434
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6919434uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6919434uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
/ FILE REFERENCE: 16991, 005
/ CURRENT APPLICATION NUMBER: US/09/338, 063A
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR FILING DATE: 1997-08-20
/ PRIOR FILING DATE: 1997-08-20
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR FILING DATE: 1995-07-21
/ PRIOR FILING DATE: 1995-02-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
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SEQ ID NO 79
LENGTH: 393
TYPE: PRT
ORGANISM: Homo sapiens
US-09-338-063A-79

Query Match 96.8%; Score 380; DB 2; Length 393;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 4 LLLCALVFLDISIKMTTQETFPFKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCA 63
DB 4 LLLCALVFLDISIKMTTQETFPFKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCA 63
QY 64 PCPDHYTDSMHTSDCLYCSVCKELQYKQECNRTHNVCECKEGRYLEIEFCLKHRS 123
DB 64 PCPDHYTDSMHTSDCLYCSVCKELQYKQECNRTHNVCECKEGRYLEIEFCLKHRS 123
QY 124 CPFGVAVQAGTEPRNTVCRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
DB 124 CPFGVAVQAGTEPRNTVCRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDN 183
QY 184 ICSGNESTQKCGIDVTLCGEAFRFAVPTKFTPNMLSVLVNDLPGTKVAESVERIKRQ 243
DB 184 ICSGNESTQKCGIDVTLCGEAFRFAVPTKFTPNMLSVLVNDLPGTKVAESVERIKRQ 243
QY 244 HSDQEQTFOLKLMKQKQKODIVKLIQDIDLCNSVQRHIGHANLTFEQLRSIMESLP 303
DB 244 HSDQEQTFOLKLMKQKQKODIVKLIQDIDLCNSVQRHIGHANLTFEQLRSIMESLP 303
QY 304 GKKGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLGLMHALKSKTYHFPKTYVQ 363
DB 304 GKKGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLGLMHALKSKTYHFPKTYVQ 363
QY 364 SLKKTIRPLHSFTMYKLYQQLFLEMIGN 391
DB 364 SLKKTIRPLHSFTMYKLYQQLFLEMIGN 391
```

RESULT 13

US-10-232-858-4
Sequence 4, Application US/10232858
Patent No. 6855808
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6855808uyuki
APPLICANT: YASUDA, Hiastaka
APPLICANT: NAKAGAWA, No. 6855808uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatengu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
FILE REFERENCE: 16991.004
CURRENT APPLICATION NUMBER: US/10/232,858
PRIOR FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: 08/915,004
PRIOR FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 380
TYPE: PRT
ORGANISM: Homo sapiens
US-10-232-858-4

Query Match 94.8%; Score 380; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 22 ETPPKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCAQCPDHYTDSMHTSDCL 81
DB 1 ETPPKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCAQCPDHYTDSMHTSDCL 60
QY 82 YCSVCKELQYKQECNRTHNVCECKEGRYLEIEFCLKHRSQCPGAVQAGTEPRNTV 141
DB 61 YCSVCKELQYKQECNRTHNVCECKEGRYLEIEFCLKHRSQCPGAVQAGTEPRNTV 120
QY 142 CKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDNICSGNESTQKCGIDVT 201
DB 121 CKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQGNATHDNICSGNESTQKCGIDVT 180
QY 202 CEBAFRFAVPTKFTPNMLSVLVNDLPGTKVAESVERIKRQSSDQEQTFOLKLMKQ 261
DB 181 CEBAFRFAVPTKFTPNMLSVLVNDLPGTKVAESVERIKRQSSDQEQTFOLKLMKQ 240
QY 262 KQDQIVKLIQDIDLCNSVQRHIGHANLTFEQLRSIMESLPKKGADIEKTIKACR 321
DB 241 KQDQIVKLIQDIDLCNSVQRHIGHANLTFEQLRSIMESLPKKGADIEKTIKACR 300
QY 322 SDQILKLSLWRIKNGDQDTLGLMHALKSKTYHFPKTYVQSLKKTIRPLHSFTMYK 381
DB 301 SDQILKLSLWRIKNGDQDTLGLMHALKSKTYHFPKTYVQSLKKTIRPLHSFTMYK 360
QY 382 QKLFLEMIGNQVSXISCL 401
DB 361 QKLFLEMIGNQVSXISCL 380
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RESULT 14

US-09-338-063A-4
Sequence 4, Application US/09338063A
Patent No. 6919434
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6919434uyuki
APPLICANT: YASUDA, Hiastaka
APPLICANT: NAKAGAWA, No. 6919434uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatengu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: Monoclonal Antibodies that Bind OCIF
FILE REFERENCE: 16991.005
CURRENT APPLICATION NUMBER: US/09/338,063A
CURRENT FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 08/915,004
PRIOR FILING DATE: 1997-08-20
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: JP 207508/1995
PRIOR FILING DATE: 1995-07-21
PRIOR APPLICATION NUMBER: JP 054977/1995
PRIOR FILING DATE: 1995-02-20
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 380
TYPE: PRT
ORGANISM: Homo sapiens
US-09-338-063A-4

Query Match 94.8%; Score 380; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPPKYLYHDETSHQLLCDKCPGTYLKQHCCTAKMTVCAQCPDHYTDSMHTSDCL 81

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Db      1  ETPPPKYLHYDEETSHQLCDKCPPTGYLKHCHTAKKTVCAECPDHYTDSMHTSDECL 60
QY      82  YSPVCKELQYVKEQCNRTNRYVCECKEGRYLEIEFCLKRSCPPGPGVVQAGTPERNY 141
Db      61  YSPVCKELQYVKEQCNRTNRYVCECKEGRYLEIEFCLKRSCPPGPGVVQAGTPERNY 120
QY      142  CKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI CSGNSESTQKCGIDVTL 201
Db      121  CKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI CSGNSESTQKCGIDVTL 180
QY      202  CEAPFRPAVPTKTPMNLSTVYDNLPGTVNAESVRIKROHSQOEQTQLLKMKHQN 261
Db      181  CEAPFRPAVPTKTPMNLSTVYDNLPGTVNAESVRIKROHSQOEQTQLLKMKHQN 240
QY      262  KDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLPGKVGAEDEIKTIKACP 321
Db      241  KDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLPGKVGAEDEIKTIKACP 300
QY      322  SDQILKLLSLMRKNGDQDTLKGLMHALKHSTYHPKVTYQSLKTIIRFLHSFTWYKLY 381
Db      301  SDQILKLLSLMRKNGDQDTLKGLMHALKHSTYHPKVTYQSLKTIIRFLHSFTWYKLY 360
QY      382  QKLFLEMIGNQVSVKISCL 401
Db      361  QKLFLEMIGNQVSVKISCL 380

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RESULT 15

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US-10-232-858-74
/ Sequence 74, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Eisuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808uyuki
/ APPLICANT: YASUDA, Hisataka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masatsugu
/ APPLICANT: HIGASHIO, Kanji
/ TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991.004
/ CURRENT APPLICATION NUMBER: US/10/232,858
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: 08/915,004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 74
/ LENGTH: 351
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-74

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Query Match      86.8%; Score 348; DB 2; Length 351;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 348; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      64  PCPDHYTDSMHTSDECLYSPVCKELQYVKEQCNRTNRYVCECKEGRYLEIEFCLKHRS 123
Db      64  PCPDHYTDSMHTSDECLYSPVCKELQYVKEQCNRTNRYVCECKEGRYLEIEFCLKHRS 123
QY      124  CPPGFGVVQAGTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDN 183

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Db      124  CPPGFGVVQAGTPERNTVCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDN 183
QY      184  ICSGNSESTQKCGIDVTLCEAPFRPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRO 243
Db      184  ICSGNSESTQKCGIDVTLCEAPFRPAVPTKTPMNLSTVYDNLPGTVNAESVERIKRO 243
QY      244  HSSQEQTFQLLKLMKHQNKDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLP 303
Db      244  HSSQEQTFQLLKLMKHQNKDQDIYVKTIQDIDLCENSVQRHIGHANLTFEQLRSLMESLP 303
QY      304  GKVGAEDEIKTIKACPSDQILKLLSLMRKNGDQDTLKGLMHALKH 351
Db      304  GKVGAEDEIKTIKACPSDQILKLLSLMRKNGDQDTLKGLMHALKH 351

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Search completed: February 8, 2006, 15:33:33
Job time : 51 secs

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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 15:05:09 : Search time 177 Seconds
(without alignments)
946.608 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 2200

Sequence: 1 MNKLLCALVFLDISIKMTT.....OKLFLFMIGNQVSXKISCL 401

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBSCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBSCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBSCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBSCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBSCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBSCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2200	100.0	401	4	US-10-066-209-1 Sequence 1, Appl1
2	2200	100.0	401	4	US-10-105-934-2 Sequence 2, Appl1
3	2200	100.0	401	4	US-10-164-592-2 Sequence 2, Appl1
4	2200	100.0	401	4	US-10-044-674-3 Sequence 3, Appl1
5	2200	100.0	401	4	US-10-322-673-5 Sequence 5, Appl1
6	2200	100.0	401	4	US-10-139-785-5 Sequence 5, Appl1
7	2200	100.0	401	5	US-10-895-676-2 Sequence 2, Appl1
8	2200	100.0	401	5	US-10-986-046-5 Sequence 5, Appl1
9	2200	100.0	401	5	US-10-986-047-5 Sequence 5, Appl1
10	2200	100.0	401	5	US-10-966-845-2 Sequence 528, App
11	2200	100.0	401	5	US-10-775-204-528 Sequence 542, App
12	2200	100.0	401	5	US-10-775-204-529 Sequence 542, App
13	2200	100.0	401	5	US-10-775-204-542 Sequence 1243, Ap
14	2200	100.0	401	5	US-10-775-204-1238 Sequence 1238, Ap
15	2200	100.0	401	5	US-10-775-204-1239 Sequence 1239, Ap
16	2200	100.0	401	5	US-10-775-204-1240 Sequence 1240, Ap
17	2200	100.0	401	5	US-10-775-204-1241 Sequence 1241, Ap
18	2200	100.0	401	5	US-10-775-204-1242 Sequence 1242, Ap
19	2200	100.0	401	5	US-10-775-204-1243 Sequence 1243, Ap
20	2200	100.0	401	5	US-10-775-204-1244 Sequence 1244, Ap
21	2200	100.0	401	5	US-10-775-204-1245 Sequence 1245, Ap
22	2200	100.0	401	5	US-10-981-465-5 Sequence 5, Appl1
23	2200	100.0	401	5	US-10-981-621-5 Sequence 5, Appl1
24	2200	100.0	401	5	US-10-981-673-5 Sequence 5, Appl1
25	2200	100.0	401	5	US-10-981-691-5 Sequence 5, Appl1
26	2200	100.0	401	5	US-10-986-349-5 Sequence 5, Appl1
27	2200	100.0	401	5	US-10-986-376-5 Sequence 5, Appl1

ALIGNMENTS

28	2200	100.0	986	5	US-10-775-204-312	Sequence 312, App
29	2200	100.0	986	5	US-10-775-204-326	Sequence 326, App
30	2195	99.8	401	3	US-09-062-113-5	Sequence 5, Appl1
31	2195	99.8	401	4	US-10-183-091-1	Sequence 1, Appl1
32	2195	99.8	401	4	US-10-364-045-1	Sequence 1, Appl1
33	2195	99.8	401	4	US-10-232-858-5	Sequence 5, Appl1
34	2195	99.8	401	4	US-10-377-076-1	Sequence 1, Appl1
35	2195	99.8	401	4	US-10-785-109-5	Sequence 5, Appl1
36	2195	99.8	401	4	US-10-785-114-5	Sequence 5, Appl1
37	2195	99.8	401	5	US-10-929-958-5	Sequence 5, Appl1
38	2195	99.8	401	5	US-10-929-748-5	Sequence 5, Appl1
39	2195	99.8	401	5	US-10-979-303-5	Sequence 5, Appl1
40	2195	99.8	401	5	US-10-979-654-5	Sequence 5, Appl1
41	2192	99.6	401	3	US-09-405-032-125	Sequence 125, App
42	2192	99.6	401	4	US-10-151-071-8	Sequence 8, Appl1
43	2192	99.6	401	4	US-10-467-243-2	Sequence 2, Appl1
44	2192	99.6	401	5	US-10-129-595-3	Sequence 3, Appl1
45	2192	99.6	401	5	US-10-966-845-4	Sequence 4, Appl1

RESULT 1
US-10-066-209-1
Sequence 1, Application US/10066209
Publication No. US20020115110A1
GENERAL INFORMATION:
APPLICANT: Brigham-Burke, Michael R.
TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
FILE REFERENCE: GH-50030-D1
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US/10/066, 209
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/055, 513
PRIOR FILING DATE: 1997-08-13
PRIOR APPLICATION NUMBER: 60/056, 980
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/057, 550
PRIOR FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 401
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-10-066-209-1
Query Match 100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1.2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MNKLCCALVFLDISIKMTTQETFPKYLHYDEESTHQLLCDKCPGGTYLKQHTAKMT	60
DB	1	MNKLCCALVFLDISIKMTTQETFPKYLHYDEESTHQLLCDKCPGGTYLKQHTAKMT	60
QY	61	VCACCPHYTDSNHTSDECLYCSPVCKEIQYVQKCNRTNRRVCECKEGYLIETPLK	120
DB	61	VCACCPHYTDSNHTSDECLYCSPVCKEIQYVQKCNRTNRRVCECKEGYLIETPLK	120
QY	121	HRSCPFGVVOAGTPERNTVCKKCPDGFSSNETSSKAPCRKHTNCSVFGLLTQKGNAT	180
DB	121	HRSCPFGVVOAGTPERNTVCKKCPDGFSSNETSSKAPCRKHTNCSVFGLLTQKGNAT	180
QY	181	HDNICSNSSTQKCGIDVTLCERAFPRFAVPYKFTNMLSVLVNLPRTVNAESYERI	240
DB	181	HDNICSNSSTQKCGIDVTLCERAFPRFAVPYKFTNMLSVLVNLPRTVNAESYERI	240
QY	241	KRQSSSQEFPOLLKMKHQNKKODIVKYLIIODIDLCNSVQRIIGHANITFEQLRLSIME	300

Db 241 KRQSSQEQTFOLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300
QY 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360
Db 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 2
US-10-105-934-2
; Sequence 2, Application US/10105934
; Publication No. US20020150988A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; Holzman, Douglas
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMA-070-
RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Pastero for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/105,934
; FILING DATE: 25-Mar-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/062,389
; FILING DATE: 17-Apr-1998
; APPLICATION NUMBER: 60/062,017
; FILING DATE: 10-Oct-1997
; APPLICATION NUMBER: 60/044,746
; FILING DATE: 18-Apr-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Melkielejohn, Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 09404/051001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-105-934-2

Query Match 100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1.2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60
Db 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120
Db 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120

QY 121 HRSCPPGFVQAGTEPERNTVCRCPCDGFPSNETSAPCRKHTNCSVPGLLTQKGNAT 180
Db 121 HRSCPPGFVQAGTEPERNTVCRCPCDGFPSNETSAPCRKHTNCSVPGLLTQKGNAT 180
QY 181 HDNICSGNSESTQKCIDVTLCEBAFFRAVPFKTPNMLSVLVNDLPGTKVAASVERI 240
Db 181 HDNICSGNSESTQKCIDVTLCEBAFFRAVPFKTPNMLSVLVNDLPGTKVAASVERI 240
QY 241 KRQSSQEQTFOLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300
Db 241 KRQSSQEQTFOLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300
QY 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360
Db 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 3
US-10-164-592-2
; Sequence 2, Application US/10164592
; Publication No. US20020150989A1
; GENERAL INFORMATION:
; APPLICANT: Greene, John M.
; Applicant: Fleischmann, Robert D.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 1488,0710007
; CURRENT APPLICATION NUMBER: US/10/164,592
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 08/469,637
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US95/03216
; PRIOR FILING DATE: 1995-03-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-592-2

Query Match 100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1.2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60
Db 1 MNKLCCALVFLDISIKMTTQETFPFKYLAHYDETSQHLCDKCPGTYYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120
Db 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVQKQCNRTNHRVCECKEGRYLEIEFCLK 120
QY 121 HRSCPPGFVQAGTEPERNTVCRCPCDGFPSNETSAPCRKHTNCSVPGLLTQKGNAT 180
Db 121 HRSCPPGFVQAGTEPERNTVCRCPCDGFPSNETSAPCRKHTNCSVPGLLTQKGNAT 180
QY 181 HDNICSGNSESTQKCIDVTLCEBAFFRAVPFKTPNMLSVLVNDLPGTKVAASVERI 240
Db 181 HDNICSGNSESTQKCIDVTLCEBAFFRAVPFKTPNMLSVLVNDLPGTKVAASVERI 240
QY 241 KRQSSQEQTFOLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300
Db 241 KRQSSQEQTFOLKLMKQNKQDQIVKIIQDIDLCEMSVQHHIGHANLTFEQLSLME 300
QY 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360
Db 301 SLPGKKVGAADIETKITKACPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKT 360

Qy 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
 Db 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 4

US-10-044-674-3
 ; Sequence 3, Application US/10044674
 ; Publication No. US20030175710A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Bielecki, Karyn M
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
 ; FILE REFERENCE: TNFRSF11B-MIM-000105 (CIP)
 ; CURRENT APPLICATION NUMBER: US/10/044,674
 ; PRIOR FILING DATE: 2002-01-09
 ; PRIOR APPLICATION NUMBER: PCT/US00/18803
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 94
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 401
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-044-674-3

Query Match 100.0%; Score 2200; DB 4; Length 401;
 Best Local Similarity 100.0%; Pred. No. 1,2e-174;
 Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTTOETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60
 Db 1 MNKLCCALVFLDISIKMTTOETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60
 Qy 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEFCLK 120
 Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEFCLK 120
 Qy 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Db 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Qy 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Db 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
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 Db 181 HDNCSGNSSTQCGIDVTLCBEAFPRFAVPTKFTNMVLSVLDNLPGRKVAESVERI 240
 Qy 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Db 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Qy 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Db 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Qy 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSITYHPKPT 360
 Db 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSITYHPKPT 360
 Qy 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
 Db 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 5
 US-10-322-673-5
 ; Sequence 5, Application US/10322673
 ; Publication No. US20030180296A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Salcedo et al.
 ; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
 ; FILE REFERENCE: PF585
 ; PRIOR APPLICATION NUMBER: US/10/322,673
 ; CURRENT FILING DATE: 2002-12-19

;; PRIOR APPLICATION NUMBER: 60/341,237
 ;; PRIOR FILING DATE: 2001-12-20
 ;; PRIOR APPLICATION NUMBER: 60/369,877
 ;; PRIOR FILING DATE: 2002-04-05
 ;; PRIOR APPLICATION NUMBER: 60/384,828
 ;; PRIOR FILING DATE: 2002-06-04
 ;; PRIOR APPLICATION NUMBER: 60/396,591
 ;; PRIOR FILING DATE: 2002-07-18
 ;; PRIOR APPLICATION NUMBER: 60/403,370
 ;; PRIOR FILING DATE: 2002-08-15
 ;; PRIOR APPLICATION NUMBER: 60/425,737
 ;; PRIOR FILING DATE: 2002-11-13
 ;; NUMBER OF SEQ ID NOS: 72
 ;; SEQ ID NO 5
 ;; LENGTH: 401
 ;; TYPE: PRT
 ;; ORGANISM: Homo sapiens
 US-10-322-673-5

Query Match 100.0%; Score 2200; DB 4; Length 401;
 Best Local Similarity 100.0%; Pred. No. 1,2e-174;
 Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTTOETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60
 Db 1 MNKLCCALVFLDISIKMTTOETPPRYKLHYDEETSHQLCDKCPGTYLKQHTAKMT 60
 Qy 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEFCLK 120
 Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGRYLEIEFCLK 120
 Qy 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Db 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Qy 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Db 121 HRSCPPGFGVVOAGTPEPRNTVCKRCPDGFSNETSSKAPCRKHTNCSVFGILLTQKNAT 180
 Qy 181 HDNCSGNSSTQCGIDVTLCBEAFPRFAVPTKFTNMVLSVLDNLPGRKVAESVERI 240
 Db 181 HDNCSGNSSTQCGIDVTLCBEAFPRFAVPTKFTNMVLSVLDNLPGRKVAESVERI 240
 Qy 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Db 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Qy 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Db 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVOHRIGHANTFEOQLRSIME 300
 Qy 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSITYHPKPT 360
 Db 301 SLPGKRVGADIEKTIYACKRPSDQILKLSLWRIKNGDQDTLKGMLALHKSITYHPKPT 360
 Qy 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
 Db 361 VTOSLKTIRFLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 6
 US-10-139-785-5
 ; Sequence 5, Application US/10139785
 ; Publication No. US20030190685A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Salcedo et al.
 ; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
 ; FILE REFERENCE: PF550
 ; CURRENT APPLICATION NUMBER: US/10/139,785
 ; CURRENT FILING DATE: 2002-05-07
 ; PRIOR APPLICATION NUMBER: 60/369,860
 ; PRIOR FILING DATE: 2002-04-05
 ; PRIOR APPLICATION NUMBER: 60/341,237
 ; PRIOR FILING DATE: 2001-12-20
 ; PRIOR APPLICATION NUMBER: 60/331,310
 ; PRIOR FILING DATE: 2001-11-14
 ; PRIOR APPLICATION NUMBER: 60/331,044
 ; PRIOR FILING DATE: 2001-11-07
 ; PRIOR APPLICATION NUMBER: 60/327,364
 ; PRIOR FILING DATE: 2001-10-09

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; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-139-785-5

Query Match      100.0%; Score 2200; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPFKYLAHYDETSQQLCDKCPGGTYLKQHTAKMKT 60
DB 1 MNLLCCALVFLDISIKMTTQETFPFKYLAHYDETSQQLCDKCPGGTYLKQHTAKMKT 60
QY 61 VCAAPCPDHYTDSMHTSDECLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEPCLK 120
DB 61 VCAAPCPDHYTDSMHTSDECLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEPCLK 120
QY 121 HRSCPPGFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVPGLLLTQKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVPGLLLTQKGNAT 180
QY 181 HDNICSNSBESTQKCGIDVTLCCEAFRRFAVPTKTPNMLSVLVNDLPGRKVAESYERI 240
DB 181 HDNICSNSBESTQKCGIDVTLCCEAFRRFAVPTKTPNMLSVLVNDLPGRKVAESYERI 240
QY 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPQOLRLSIME 300
DB 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPQOLRLSIME 300
QY 301 SLPGKKGADIEDIKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKPT 360
DB 301 SLPGKKGADIEDIKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 7
US-10-895-676-2
; Sequence 2, Application US/10895676
; Publication No. US20050032172A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMMA-070-
; RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fleh & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Discrete
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
```

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; APPLICATION NUMBER: US/10/895,676
; FILING DATE: 21-Jul-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/105,934
; FILING DATE: 25-Mar-2002
; APPLICATION NUMBER: US/09/062,389
; FILING DATE: 17-Apr-1998
; APPLICATION NUMBER: 60/062,017
; FILING DATE: 10-Oct-1997
; APPLICATION NUMBER: 60/044,746
; FILING DATE: 18-Apr-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Melkijohn, Anita L.
; REGISTRATION NUMBER: 35,283
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULAR TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-895-676-2

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPFKYLAHYDETSQQLCDKCPGGTYLKQHTAKMKT 60
DB 1 MNLLCCALVFLDISIKMTTQETFPFKYLAHYDETSQQLCDKCPGGTYLKQHTAKMKT 60
QY 61 VCAAPCPDHYTDSMHTSDECLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEPCLK 120
DB 61 VCAAPCPDHYTDSMHTSDECLYCSPVCKELQYVKQECNRTHNRVCEKGRYLEIEPCLK 120
QY 121 HRSCPPGFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVPGLLLTQKGNAT 180
DB 121 HRSCPPGFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVPGLLLTQKGNAT 180
QY 181 HDNICSNSBESTQKCGIDVTLCCEAFRRFAVPTKTPNMLSVLVNDLPGRKVAESYERI 240
DB 181 HDNICSNSBESTQKCGIDVTLCCEAFRRFAVPTKTPNMLSVLVNDLPGRKVAESYERI 240
QY 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPQOLRLSIME 300
DB 241 KROHSSQEQTFOLLKMKHONKODIVKTIIDIDLCENSVORHIGHANTLPQOLRLSIME 300
QY 301 SLPGKKGADIEDIKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKPT 360
DB 301 SLPGKKGADIEDIKTIKACRPSDQILKLSIMRIKNGDODTLKGLMHALHGSTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 8
US-10-986-046-5
; Sequence 5, Application US/10986046
; Publication No. US20050129616A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF550P1D3
; CURRENT APPLICATION NUMBER: US/10/986,046
; CURRENT FILING DATE: 2004-11-12
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; PRIOR APPLICATION NUMBER: 60/608,362
; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-046-5
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Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MNKLCCALVPLDISIKMTTQETPPPKYLYHDEBESHQLCDKCPGTYLKQHTAAMKT 60
DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLYHDEBESHQLCDKCPGTYLKQHTAAMKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKOEONRTHNRYCECKEGRYLEIFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKOEONRTHNRYCECKEGRYLEIFCLK 120
QY 121 HRSCPFGVYVQAGTPERNYVCKRCPPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCPFGVYVQAGTPERNYVCKRCPPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNICSNSSESTQKCGIDVTLCEBAFFRFAVPTFTPNMISLVVDNLPGTKVNAESYERI 240
DB 181 HDNICSNSSESTQKCGIDVTLCEBAFFRFAVPTFTPNMISLVVDNLPGTKVNAESYERI 240
QY 241 KROHSSOEOTFQLKLMKHONKODIVKTIIDIDLCENSVOHRIGHANLTFFQLRLSIME 300
DB 241 KROHSSOEOTFQLKLMKHONKODIVKTIIDIDLCENSVOHRIGHANLTFFQLRLSIME 300
QY 301 SLPEKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLHAKSKTYHPKPT 360
DB 301 SLPEKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLHAKSKTYHPKPT 360
QY 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
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RESULT 9
US-10-986-047-5
; Sequence 5, Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PP550P1D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; PRIOR FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
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; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-047-5
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Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MNKLCCALVPLDISIKMTTQETPPPKYLYHDEBESHQLCDKCPGTYLKQHTAAMKT 60
DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLYHDEBESHQLCDKCPGTYLKQHTAAMKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKOEONRTHNRYCECKEGRYLEIFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQKOEONRTHNRYCECKEGRYLEIFCLK 120
QY 121 HRSCPFGVYVQAGTPERNYVCKRCPPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCPFGVYVQAGTPERNYVCKRCPPDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNICSNSSESTQKCGIDVTLCEBAFFRFAVPTFTPNMISLVVDNLPGTKVNAESYERI 240
DB 181 HDNICSNSSESTQKCGIDVTLCEBAFFRFAVPTFTPNMISLVVDNLPGTKVNAESYERI 240
QY 241 KROHSSOEOTFQLKLMKHONKODIVKTIIDIDLCENSVOHRIGHANLTFFQLRLSIME 300
DB 241 KROHSSOEOTFQLKLMKHONKODIVKTIIDIDLCENSVOHRIGHANLTFFQLRLSIME 300
QY 301 SLPEKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLHAKSKTYHPKPT 360
DB 301 SLPEKTVGADIEKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLHAKSKTYHPKPT 360
QY 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTWYKLYOKLFLEMIGNOVSVKISCL 401
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RESULT 10
US-10-966-845-2
; Sequence 2, Application US/10966845
; Publication No. US20050143301A1
; GENERAL INFORMATION:
; APPLICANT: Applied Research Systems ARS Holding N.V.
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi
; FILE REFERENCE: US 550 CIP
; CURRENT APPLICATION NUMBER: US/10/966,845
; PRIOR FILING DATE: 2004-10-15
; PRIOR APPLICATION NUMBER: BP02100364.5
; PRIOR FILING DATE: 2002-04-10
```

PRIOR APPLICATION NUMBER: PCT/EP03/50080
PRIOR FILING DATE: 2003-03-26
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 401
TYPE: PR1
ORGANISM: Homo sapiens
US-10-966-845-2

Query Match 100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60
DB 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHNVCCKEGRYLEIFCLK 120
DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHNVCCKEGRYLEIFCLK 120
QY 121 HRSCPFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSSTQKCGIDVTLCEAFPRFVPTKFTPNMISLVVDNLPGTKVAESVERI 240
DB 181 HDNIGSGNSSTQKCGIDVTLCEAFPRFVPTKFTPNMISLVVDNLPGTKVAESVERI 240
QY 241 KRQHSQEQTFOLLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTLFEQLSLME 300
DB 241 KRQHSQEQTFOLLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTLFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACKPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACKPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL 401

RESULT 11

US-10-775-204-528
Sequence 528, Application US/10775204
Publication No. US2005018664A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
APPLICANT: Balance, David J.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: P564
CURRENT APPLICATION NUMBER: US/10/775,204
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623

PRIOR FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: 60/351,360
PRIOR FILING DATE: 2002-01-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 222
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 528
LENGTH: 401
TYPE: PR1
ORGANISM: Homo sapiens
US-10-775-204-528

Query Match 100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60
DB 1 MNLLCALVFLDISIKMTTQETFPKYLHYDETSQQLCDKCPPTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHNVCCKEGRYLEIFCLK 120
DB 61 VCAPCPDHYTDSWHTSDCLYCSPVCKELQYVKQECNRTNHNVCCKEGRYLEIFCLK 120
QY 121 HRSCPFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCPFGVVOAGTERNTVCKRCPCDPGFSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSSTQKCGIDVTLCEAFPRFVPTKFTPNMISLVVDNLPGTKVAESVERI 240
DB 181 HDNIGSGNSSTQKCGIDVTLCEAFPRFVPTKFTPNMISLVVDNLPGTKVAESVERI 240
QY 241 KRQHSQEQTFOLLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTLFEQLSLME 300
DB 241 KRQHSQEQTFOLLKLMKQKQKODIVKTIIDIDLCENSVORHIGHANTLFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACKPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACKPSDQILKLSLWRIKNGDDOTLKGMLHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFMIGNOVSVKISCL 401

RESULT 12

US-10-775-204-529
Sequence 529, Application US/10775204
Publication No. US2005018664A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
APPLICANT: Balance, David J.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: P564
CURRENT APPLICATION NUMBER: US/10/775,204
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246

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/ PRIOR FILING DATE: 2002-10-23
/ PRIOR APPLICATION NUMBER: 60/423,623
/ PRIOR FILING DATE: 2002-11-05
/ PRIOR APPLICATION NUMBER: 60/351,360
/ PRIOR FILING DATE: 2002-01-28
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 2222
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 529
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-775-204-529

Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 MNKLLCALVFLDISIKMTTQETPPPKYLYHDEBTSQQLCDKCPGGTYLKQHTAKMKT 60
Db 1 MNKLLCALVFLDISIKMTTQETPPPKYLYHDEBTSQQLCDKCPGGTYLKQHTAKMKT 60

Cy 61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVKECNRTNRYCECKEGRYLEIEFCCLK 120
Db 61 VCACPDPHYTDSWHTSDECLYCSPVCKELQYVKECNRTNRYCECKEGRYLEIEFCCLK 120

Cy 121 HRSCPFGVQVQATPERNTVCRCRCPDGFSENSTSSAPCRKHTNCSVFGILLTQKNAT 180
Db 121 HRSCPFGVQVQATPERNTVCRCRCPDGFSENSTSSAPCRKHTNCSVFGILLTQKNAT 180

Cy 181 HDNCSGNSBSTQKCGIDVTLCBAPFRFAVPTKFTPNMLSVLDNLPGTKVNASYERI 240
Db 181 HDNCSGNSBSTQKCGIDVTLCBAPFRFAVPTKFTPNMLSVLDNLPGTKVNASYERI 240

Cy 241 KROHSSQEQTFQLLKMKHONKQDVIYKIIQDIDLCNSVORHIGANLTFEQLRSIME 300
Db 241 KROHSSQEQTFQLLKMKHONKQDVIYKIIQDIDLCNSVORHIGANLTFEQLRSIME 300

Cy 301 SLPGKKVGAADIETIKTACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360
Db 301 SLPGKKVGAADIETIKTACRPSDQILKLSIMRIKNGDQTLKGLMALKHSKTYHPPT 360

Cy 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYOKLFLEMIGNOVQSVKISCL 401

RESULT 13
US-10-775-204-542
/ Sequence 542, Application US/10775204
/ Publication No. US20050186664A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen, Craig A.
/ APPLICANT: Haseltine, William A.
/ APPLICANT: Balance, David J.
/ APPLICANT: Turner, Andrew J.
/ TITLE OF INVENTION: Albumin Fusion Proteins
/ FILE REFERENCE: PPS64
/ CURRENT APPLICATION NUMBER: US/10/775,204
/ PRIOR FILING DATE: 2004-02-11
/ PRIOR APPLICATION NUMBER: 60/341,811
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: 60/360,000
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/378,950
/ PRIOR FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: 60/398,008
/ PRIOR FILING DATE: 2002-07-24
/ PRIOR APPLICATION NUMBER: 60/411,355
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 60/414,984
/ PRIOR FILING DATE: 2002-10-02
/ PRIOR APPLICATION NUMBER: 60/417,611
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/ PRIOR FILING DATE: 2002-10-11
/ PRIOR APPLICATION NUMBER: 60/420,246
/ PRIOR FILING DATE: 2002-10-23
/ PRIOR APPLICATION NUMBER: 60/423,623
/ PRIOR FILING DATE: 2002-11-05
/ PRIOR APPLICATION NUMBER: 60/351,360
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 2222
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 542
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-775-204-542

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Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 14
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/ Publication No. US20050186664A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen, Craig A.
/ APPLICANT: Haseltine, William A.
/ APPLICANT: Balance, David J.
/ APPLICANT: Turner, Andrew J.
/ TITLE OF INVENTION: Albumin Fusion Proteins
/ FILE REFERENCE: PPS64
/ CURRENT APPLICATION NUMBER: US/10/775,204
/ PRIOR FILING DATE: 2004-02-11
/ PRIOR APPLICATION NUMBER: 60/341,811
/ PRIOR FILING DATE: 2001-12-21
/ PRIOR APPLICATION NUMBER: 60/360,000
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/378,950
/ PRIOR FILING DATE: 2002-05-10
/ PRIOR APPLICATION NUMBER: 60/398,008
/ PRIOR FILING DATE: 2002-07-24
/ PRIOR APPLICATION NUMBER: 60/411,355
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 60/414,984
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; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1238
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-1238

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Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US2005018664A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355

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; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1239
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-1239

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Query Match      100.0%; Score 2200; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 1,2e-174;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New).

Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 15:44:05 ; Search time 178 Seconds

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Gapop 60.0 , Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

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Total number of hits satisfying chosen parameters: 315

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: blasting first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a
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and is derived by analysis of the total score distribution.

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6	401	100.0	401	4	US-10-139-785-5
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124	336	76.3	394	5	US-10-929-958-9	Sequence 9, Appl	197	262	65.3	293	3	US-09-896-096A-18	Sequence 18, Appl
125	336	76.3	394	5	US-10-929-748-9	Sequence 9, Appl	198	262	65.3	293	3	US-09-894-924-18	Sequence 18, Appl
126	336	76.3	394	5	US-10-979-303-9	Sequence 9, Appl	199	262	65.3	293	4	US-10-456-819-18	Sequence 18, Appl
127	336	76.3	394	5	US-10-979-654-9	Sequence 9, Appl	200	262	65.3	293	4	US-10-688-132-18	Sequence 18, Appl
128	300	74.8	401	3	US-09-405-032-125	Sequence 125, Appl	201	262	65.3	293	5	US-10-871-907-18	Sequence 18, Appl
129	300	74.8	401	4	US-10-151-071-8	Sequence 8, Appl	202	262	64.3	363	3	US-09-062-113-69	Sequence 69, Appl
130	300	74.8	401	4	US-10-467-243-2	Sequence 2, Appl	203	262	64.3	363	4	US-10-332-858-69	Sequence 69, Appl
131	300	74.8	401	5	US-10-129-595-3	Sequence 3, Appl	204	262	64.3	363	4	US-10-785-109-69	Sequence 69, Appl
132	300	74.8	401	5	US-10-966-845-4	Sequence 4, Appl	205	262	64.3	363	4	US-10-785-114-69	Sequence 69, Appl
133	300	74.8	400	5	US-10-762-159-125	Sequence 125, Appl	206	262	64.3	363	5	US-10-929-958-69	Sequence 69, Appl
134	297	74.1	401	3	US-09-062-113-62	Sequence 62, Appl	207	262	64.3	363	5	US-10-929-748-69	Sequence 69, Appl
135	297	74.1	401	3	US-09-062-113-62	Sequence 62, Appl	208	262	64.3	363	5	US-10-979-303-69	Sequence 69, Appl
136	297	74.1	401	3	US-09-062-113-63	Sequence 63, Appl	209	262	64.3	363	5	US-10-979-654-69	Sequence 69, Appl
137	297	74.1	401	3	US-09-062-113-64	Sequence 63, Appl	210	262	64.3	363	4	US-10-332-858-69	Sequence 69, Appl
138	297	74.1	401	4	US-10-232-858-62	Sequence 62, Appl	211	262	64.3	363	4	US-10-785-109-69	Sequence 69, Appl
139	297	74.1	401	4	US-10-232-858-63	Sequence 62, Appl	212	262	64.3	363	4	US-10-785-114-69	Sequence 69, Appl
140	297	74.1	401	4	US-10-232-858-64	Sequence 62, Appl	213	262	64.3	363	5	US-10-929-958-70	Sequence 69, Appl
141	297	74.1	401	4	US-10-785-109-62	Sequence 62, Appl	214	262	64.3	363	5	US-10-785-109-70	Sequence 70, Appl
142	297	74.1	401	4	US-10-785-109-63	Sequence 62, Appl	215	262	64.3	363	4	US-10-785-114-70	Sequence 70, Appl
143	297	74.1	401	4	US-10-785-109-64	Sequence 62, Appl	216	262	64.3	363	5	US-10-929-958-70	Sequence 70, Appl
144	297	74.1	401	4	US-10-785-114-62	Sequence 62, Appl	217	262	64.3	363	5	US-10-929-958-70	Sequence 70, Appl
145	297	74.1	401	4	US-10-785-114-63	Sequence 62, Appl	218	262	64.3	363	5	US-10-979-303-70	Sequence 70, Appl
146	297	74.1	401	4	US-10-785-114-64	Sequence 62, Appl	219	262	64.3	363	5	US-10-979-654-70	Sequence 70, Appl
147	297	74.1	401	5	US-10-929-958-62	Sequence 62, Appl	220	262	64.3	363	4	US-10-436-826-71	Sequence 71, Appl
148	297	74.1	401	5	US-10-929-958-63	Sequence 62, Appl	221	262	64.3	363	4	US-10-436-826-76	Sequence 76, Appl
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151	297	74.1	401	5	US-10-929-748-63	Sequence 62, Appl	224	262	64.3	363	5	US-10-775-204-1229	Sequence 1229, Appl
152	297	74.1	401	5	US-10-929-748-64	Sequence 62, Appl	225	262	64.3	363	3	US-09-062-113-71	Sequence 71, Appl
153	297	74.1	401	5	US-10-979-303-62	Sequence 62, Appl	226	262	64.3	363	4	US-10-232-858-71	Sequence 71, Appl
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155	297	74.1	401	5	US-10-979-303-64	Sequence 62, Appl	228	262	64.3	363	4	US-10-785-114-71	Sequence 71, Appl
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160	296	73.8	359	4	US-10-232-858-68	Sequence 68, Appl	233	262	64.3	363	4	US-10-785-109-71	Sequence 76, Appl
161	296	73.8	359	4	US-10-785-109-68	Sequence 68, Appl	234	262	64.3	363	4	US-10-232-858-76	Sequence 76, Appl
162	296	73.8	359	4	US-10-785-114-68	Sequence 68, Appl	235	262	64.3	363	4	US-10-785-109-76	Sequence 76, Appl
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164	296	73.8	359	5	US-10-929-748-68	Sequence 68, Appl	237	262	64.3	363	5	US-10-929-958-76	Sequence 76, Appl
165	296	73.8	359	5	US-10-979-303-68	Sequence 68, Appl	238	262	64.3	363	4	US-10-829-748-76	Sequence 76, Appl
166	296	73.8	359	5	US-10-979-654-68	Sequence 68, Appl	239	262	64.3	363	4	US-10-979-303-76	Sequence 76, Appl
167	290	72.3	362	3	US-09-062-113-11	Sequence 11, Appl	240	262	64.3	363	4	US-10-979-654-76	Sequence 76, Appl
168	290	72.3	362	4	US-10-232-858-11	Sequence 11, Appl	241	262	64.3	363	4	US-11-058-073-177	Sequence 177, Appl
169	290	72.3	362	4	US-10-785-109-11	Sequence 11, Appl	242	262	64.3	363	4	US-10-467-243-20	Sequence 20, Appl
170	290	72.3	362	4	US-10-785-114-11	Sequence 11, Appl	243	262	64.3	363	5	US-10-775-204-1223	Sequence 1223, Appl
171	290	72.3	362	5	US-10-929-958-11	Sequence 11, Appl	244	262	64.3	363	5	US-10-775-204-1228	Sequence 1228, Appl
172	290	72.3	362	5	US-10-929-748-11	Sequence 11, Appl	245	262	64.3	363	5	US-10-775-204-1224	Sequence 1224, Appl
173	290	72.3	362	5	US-10-979-303-11	Sequence 11, Appl	246	262	64.3	363	5	US-10-775-204-1227	Sequence 1227, Appl

247	187	46.6	187	3	US-09-840-795-11	Sequence 11, Appl
248	185	46.1	187	4	US-10-436-826-79	Sequence 79, Appl
249	184	45.9	187	3	US-09-062-113-81	Sequence 81, Appl
250	184	45.9	187	4	US-10-232-858-81	Sequence 81, Appl
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257	179	44.6	406	3	US-09-389-782-6	Sequence 6, Appl
258	179	44.6	413	3	US-09-389-782-4	Sequence 6, Appl
259	173	43.1	173	4	US-10-467-243-6	Sequence 18, Appl
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262	173	43.1	401	3	US-09-389-782-8	Sequence 8, Appl
263	173	43.1	404	3	US-09-389-782-7	Sequence 3, Appl
264	173	43.1	407	3	US-09-389-782-3	Sequence 3, Appl
265	173	43.1	161	4	US-10-125-985-3	Sequence 80, Appl
266	161	40.1	366	4	US-10-436-826-80	Sequence 20, Appl
267	154	38.4	147	3	US-09-756-854-20	Sequence 20, Appl
268	147	36.7	147	4	US-10-041-574-20	Sequence 58, Appl
270	147	36.7	147	4	US-10-834-966-20	Sequence 77, Appl
271	147	36.7	147	6	US-11-148-333-20	Sequence 77, Appl
272	146	36.4	146	4	US-10-375-680-58	Sequence 77, Appl
273	140	34.9	143	3	US-09-062-113-77	Sequence 77, Appl
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276	140	34.9	143	5	US-10-785-114-77	Sequence 77, Appl
277	140	34.9	143	5	US-10-929-958-77	Sequence 77, Appl
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279	140	34.9	143	5	US-10-979-303-77	Sequence 77, Appl
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295	127	31.7	154	5	US-10-929-748-13	Sequence 13, Appl
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298	120	29.9	120	4	US-10-146-574-8	Sequence 8, Appl
299	103	25.7	106	3	US-09-062-113-78	Sequence 78, Appl
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302	103	25.7	106	4	US-10-785-114-78	Sequence 78, Appl
303	103	25.7	106	5	US-10-929-958-78	Sequence 78, Appl
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305	103	25.7	106	5	US-10-979-303-78	Sequence 78, Appl
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313	79	19.7	84	5	US-10-929-748-82	Sequence 82, Appl
314	79	19.7	84	5	US-10-979-303-82	Sequence 82, Appl
315	79	19.7	84	5	US-10-979-654-82	Sequence 82, Appl

ALIGNMENTS

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RESULT 1
US-10-066-209-1
; Sequence 1, Application US/10066209
; Publication No. US2002015110A1
; GENERAL INFORMATION:
; APPLICANT: Brigham-Burke, Michael R.
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; FILE REFERENCE: GH-50030-D1
; CURRENT APPLICATION NUMBER: US/10/066,209
; PRIOR APPLICATION NUMBER: 09/072,993
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 401
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-10-066-209-1

Query Match          100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      241 KRQHSQEQTFQLLKMKHQNKDQIVKTIIDIDLCNSVQRHGHANLTFQRLSLME 300
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QY      301 SLPGKVGADIRKTKACRPSDQILKLSLMTIKNGDDOTLGLMALHGSTYHPKT 360
DB      301 SLPGKVGADIRKTKACRPSDQILKLSLMTIKNGDDOTLGLMALHGSTYHPKT 360

QY      361 VTOSLKKTIPLFHSFTMYKLYQKLFLEMIGNQVYSICL 401
DB      361 VTOSLKKTIPLFHSFTMYKLYQKLFLEMIGNQVYSICL 401

RESULT 2
US-10-105-934-2
; Sequence 2, Application US/10105934
; Publication No. US20020150988A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTNMA-070-
; RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
```

```

CORRESPONDENCE ADDRESS:
ADDRESS: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/105,934
FILING DATE: 25-Mar-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/062,389
FILING DATE: 17-APR-1998
APPLICATION NUMBER: 60/062,017
FILING DATE: 10-OCT-1997
APPLICATION NUMBER: 60/044,746
FILING DATE: 18-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Melkiesohn, Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 09404/051001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-105-934-2

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Query Match      100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MNKLLCALVFLDISIKMTTQETFPKYLHYDETSKQLCDKCPPTYLKQCTAKMT 60
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DB 121 HRSCPPGFVYVQAGTEPRNTVCKRCPDGFFSNETSAPCRKHTNCSVFGLLLTQKGNAT 180
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DB 241 KROHSSQBOTFOLLKLMKQKNDQIVYKLIIDIDLCENSVOHIGHANTFEOLSLME 300
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DB 301 SLPGKKGVAEDIEKTIKACRPSDQILKLSLWRIKNGDQDTLKGMLALHGSTYHPKPT 360
QY 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

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RESULT 3
US-10-164-592-2
Sequence 2, Application US/10164592
Publication No. US20020150989A1
GENERAL INFORMATION:
APPLICANT: Greene, John M.
APPLICANT: Fleischmann, Robert D.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
FILE REFERENCE: 1488,0710007
CURRENT APPLICATION NUMBER: US/10/164,592
FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 08/469,637
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: PCT/US95/03216
PRIOR FILING DATE: 1995-03-15
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-10-164-592-2

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Query Match      100.0%; Score 401; DB 4; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 181 HDNIGSGNSSTQKCGIDVTLCERAFRRVAPFKFTPNMLSVLVNDIPGKVAESYERI 240
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DB 241 KROHSSQBOTFOLLKLMKQKNDQIVYKLIIDIDLCENSVOHIGHANTFEOLSLME 300
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DB 361 VTOSLKKTIIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

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RESULT 4
US-10-044-674-3
Sequence 3, Application US/10044674
Publication No. US20030175710A1
GENERAL INFORMATION:
APPLICANT: Chew, Anne
APPLICANT: Denton, R. Rex
APPLICANT: Blegiecki, Karyn M
APPLICANT: Nandabalan, Krishnan
APPLICANT: Stephens, J. Claiborne
TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
FILE REFERENCE: TNFRSF11B MMH-0001US (CIP)
CURRENT APPLICATION NUMBER: US/10/044,674
PRIOR FILING DATE: 2002-01-09
PRIOR APPLICATION NUMBER: PCT/US00/18803
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 94

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Db 61 VCAPCPDHYTDSWHTSDCLYSPVCKELQYVQKQCNRTNHRVCEKGRYLEIEFCCK 120
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Db 121 HRSCPFGVGVQAGTPEPRNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCEBAFRRPAVPTKFTPNMLSVLVNLPGTKVAESYERI 240
Db 181 HDNIGSGNSESTQKCGIDVTLCEBAFRRPAVPTKFTPNMLSVLVNLPGTKVAESYERI 240
QY 241 KRQHSSEQOTFOLLKMKHQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Db 241 KRQHSSEQOTFOLLKMKHQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
QY 301 SLPGKVGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKT 360
Db 301 SLPGKVGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSKISCL 401

RESULT 7
US-10-895-676-2
; Sequence 2, Application US/10895676
; Publication No. US20050032172A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; Holtzman, Douglas
; TITLE OF INVENTION: NOVEL MOLECULES OF THE PTMA-070-
; RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN
; FAMILY AND USES THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/895,676
; FILING DATE: 21-Jul-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/405,934
; FILING DATE: 25-Mar-2002
; APPLICATION NUMBER: US/09/062,389
; FILING DATE: 17-Apr-1998
; APPLICATION NUMBER: 60/062,017
; FILING DATE: 10-Oct-1997
; APPLICATION NUMBER: 60/044,746
; FILING DATE: 18-Apr-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Melkietohn, Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 09404/051001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEBAX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: linear
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-895-676-2

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNLLCCALVFLDISIKMTTQETFPKKYLHYDETSKQLCDKCPGTLYLKQHTAKMT 60
Db 1 MNLLCCALVFLDISIKMTTQETFPKKYLHYDETSKQLCDKCPGTLYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDCLYSPVCKELQYVQKQCNRTNHRVCEKGRYLEIEFCCK 120
Db 61 VCAPCPDHYTDSWHTSDCLYSPVCKELQYVQKQCNRTNHRVCEKGRYLEIEFCCK 120
QY 121 HRSCPFGVGVQAGTPEPRNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
Db 121 HRSCPFGVGVQAGTPEPRNTVCKRCPCPDGFFSNETSAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCEBAFRRPAVPTKFTPNMLSVLVNLPGTKVAESYERI 240
Db 181 HDNIGSGNSESTQKCGIDVTLCEBAFRRPAVPTKFTPNMLSVLVNLPGTKVAESYERI 240
QY 241 KRQHSSEQOTFOLLKMKHQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
Db 241 KRQHSSEQOTFOLLKMKHQKNDQIVKXIIOIDIDCENSVOHHIGHANLTFEQLSLME 300
QY 301 SLPGKVGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKT 360
Db 301 SLPGKVGADIEKTIKACKPSDQILKLSLWRIKNGDQDTLKGMLALHKSHTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVSKISCL 401

RESULT 8
US-10-986-046-5
; Sequence 5, Application US/10986046
; Publication No. US20050129616A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind to TRAIL
; FILE REFERENCE: PF550P1D3
; CURRENT APPLICATION NUMBER: US/10/986,046
; FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
; FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70


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; SEQ ID NO 5
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-046-5

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVCKRCPOGFSNETSSKAPCRKHNTCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVCKRCPOGFSNETSSKAPCRKHNTCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSESTOKCGIDVTLCEBAFPFAVPTKFTPNM1SVLVN1PGTVMASVERI 240
DB 181 HDN1CSGNSSESTOKCGIDVTLCEBAFPFAVPTKFTPNM1SVLVN1PGTVMASVERI 240
QY 241 KROHSSQEQTFQLLKTMKQKQODIVK11QDIDLCENSVQRH1GHANLTFEQLRLSIME 300
DB 241 KROHSSQEQTFQLLKTMKQKQODIVK11QDIDLCENSVQRH1GHANLTFEQLRLSIME 300
QY 301 SLPEKKGADIEKTIKACRPSDQ1KL1SLMR1KNGDQD1KGLMHALKSKTYHPKT 360
DB 301 SLPEKKGADIEKTIKACRPSDQ1KL1SLMR1KNGDQD1KGLMHALKSKTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 9
US-10-986-047-5
; Sequence 5, Application US/10986047
; Publication No. US20050129699A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: P550P1D1
; CURRENT APPLICATION NUMBER: US/10/986,047
; PRIOR FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 60/608,362
; PRIOR FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: PCT/US03/25457
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: 60/468,050
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/425,730
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,382
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 10/139,785
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,807
; REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 5
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; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-986-047-5

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVCKRCPOGFSNETSSKAPCRKHNTCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVCKRCPOGFSNETSSKAPCRKHNTCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSESTOKCGIDVTLCEBAFPFAVPTKFTPNM1SVLVN1PGTVMASVERI 240
DB 181 HDN1CSGNSSESTOKCGIDVTLCEBAFPFAVPTKFTPNM1SVLVN1PGTVMASVERI 240
QY 241 KROHSSQEQTFQLLKTMKQKQODIVK11QDIDLCENSVQRH1GHANLTFEQLRLSIME 300
DB 241 KROHSSQEQTFQLLKTMKQKQODIVK11QDIDLCENSVQRH1GHANLTFEQLRLSIME 300
QY 301 SLPEKKGADIEKTIKACRPSDQ1KL1SLMR1KNGDQD1KGLMHALKSKTYHPKT 360
DB 301 SLPEKKGADIEKTIKACRPSDQ1KL1SLMR1KNGDQD1KGLMHALKSKTYHPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 10
US-10-966-845-2
; Sequence 2, Application US/10966845
; Publication No. US20050143301A1
; GENERAL INFORMATION:
; APPLICANT: Applied Research Systems ARS Holding N.V.
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fl.
; FILE REFERENCE: US 550 CIP
; CURRENT APPLICATION NUMBER: US/10/966,845
; PRIOR FILING DATE: 2004-10-15
; PRIOR APPLICATION NUMBER: EP02100364.5
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: PCT/EP03/50080
; PRIOR FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-966-845-2

Query Match      100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDEBTSQQLCDKCPPTYLKQHCCTAKMT 60
QY 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
DB 61 VCAPCPDHYTDSMHTSDECLYCSPVCKELQYVQKQECNRTNRRVCECKEGRYLIEIFCLK 120
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Qy 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDPGFSNETSAPCRKHTNCSVFGLLLTQKGNAT 180
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Db 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDPGFSNETSAPCRKHTNCSVFGLLLTQKGNAT 180
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Qy 181 HDNICSNSSESTQKCGIDVTLCEBAFPRFVPTKFTPNMLSVLVDNLPGRKVAESVERI 240
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Db 181 HDNICSNSSESTQKCGIDVTLCEBAFPRFVPTKFTPNMLSVLVDNLPGRKVAESVERI 240
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Qy 241 KROHSSQEQTFQLLKLMKHKONKQDIYVKKIIQDIDLCENSVORHIGHANLTPEQLASLME 300
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Db 241 KROHSSQEQTFQLLKLMKHKONKQDIYVKKIIQDIDLCENSVORHIGHANLTPEQLASLME 300
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Qy 301 SLPGKKVGADEIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
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|
|
Db 301 SLPGKKVGADEIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
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Qy 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
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|
|

RESULT 11

US-10-775-204-528
; Sequence 528, Application US/10775204
; Publication No. US20050186664A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; PRIOR FILING DATE: 2004-02-11, 811
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 528
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-528

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MNKLCCALVFLDISIKWTQETPPPKYLHYDEBESHQLCDKCPPTIYKQHTAKMT 60
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|
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Db 1 MNKLCCALVFLDISIKWTQETPPPKYLHYDEBESHQLCDKCPPTIYKQHTAKMT 60
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Qy 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTNHRVCEKGRYLEIEPCLK 120
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Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTNHRVCEKGRYLEIEPCLK 120
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Qy 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDPGFSNETSAPCRKHTNCSVFGLLLTQKGNAT 180
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Db 121 HRSCPPGFVGVQAGTEPRNTVCKRCPCDPGFSNETSAPCRKHTNCSVFGLLLTQKGNAT 180
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Qy 181 HDNICSNSSESTQKCGIDVTLCEBAFPRFVPTKFTPNMLSVLVDNLPGRKVAESVERI 240
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Db 181 HDNICSNSSESTQKCGIDVTLCEBAFPRFVPTKFTPNMLSVLVDNLPGRKVAESVERI 240
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Qy 241 KROHSSQEQTFQLLKLMKHKONKQDIYVKKIIQDIDLCENSVORHIGHANLTPEQLASLME 300
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Db 241 KROHSSQEQTFQLLKLMKHKONKQDIYVKKIIQDIDLCENSVORHIGHANLTPEQLASLME 300
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Qy 301 SLPGKKVGADEIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
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|
|
Db 301 SLPGKKVGADEIEKTIKACPSDQILKLSLWRIKNGDQDTLKGMLHALKHSKTYHPKPT 360
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Qy 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
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Db 361 VTQSLKKTIRFLHSFTMYKLYOKLPLEMIGNOVQSVKISCL 401
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|
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RESULT 12

US-10-775-204-529
; Sequence 529, Application US/10775204
; Publication No. US20050186664A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; APPLICANT: Balance, David J.
; APPLICANT: Turner, Andrew J.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: P564
; CURRENT APPLICATION NUMBER: US/10/775,204
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/341,811
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/360,000
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/378,950
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/414,984
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 60/423,623
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 60/351,360
; PRIOR FILING DATE: 2002-01-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2222
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 529
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-204-529

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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|
Db 1 MNKLCCALVFLDISIKWTQETPPPKYLHYDEBESHQLCDKCPPTIYKQHTAKMT 60
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|
|

Qy 61 VCAPCPDHYTDSWHTSDECLYCSFVCKELOVYKQECNRTNRRVCECKEGRYLEIEFCLK 120
Db 61 VCAPCPDHYTDSWHTSDECLYCSFVCKELOVYKQECNRTNRRVCECKEGRYLEIEFCLK 120
Qy 121 HRSCEPGGVVQAGTPEBNTVCCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
Db 121 HRSCEPGGVVQAGTPEBNTVCCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
Qy 181 HDN1CSGNSSESTQKCGIDVTLCEBAFFFAVPTFTPMVLSVLDNLPGTVMASVERI 240
Db 181 HDN1CSGNSSESTQKCGIDVTLCEBAFFFAVPTFTPMVLSVLDNLPGTVMASVERI 240
Qy 241 KROHSSOEQTQOLLKLMHONKDDIVYKIIODIDLCENSVORHIGHANLTFEOLRSIME 300
Db 241 KROHSSOEQTQOLLKLMHONKDDIVYKIIODIDLCENSVORHIGHANLTFEOLRSIME 300
Qy 301 SLPGKVGABDIETKIKACKPSDQILKLSMRINKGDDTLKGLMHALKHSKTYHPKPT 360
Db 301 SLPGKVGABDIETKIKACKPSDQILKLSMRINKGDDTLKGLMHALKHSKTYHPKPT 360
Qy 361 VTOSLAKTIRPLHSFTMYKLYOKLPLEMIGNOVOSVKISCL 401
Db 361 VTOSLAKTIRPLHSFTMYKLYOKLPLEMIGNOVOSVKISCL 401

RESULT 13

US-10-775-204-542
Sequence 542, Application US/10775204
Publication No. US20050186664A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haselcine, William A.
APPLICANT: Balance, David J.
APPLICANT: Turner, Andrew J.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF564
CURRENT APPLICATION NUMBER: US/10/775,204
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: 60/351,360
PRIOR FILING DATE: 2002-01-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2222
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 542
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-204-542

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MNKLCCALVPLDISIKWTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHCYAKWT 60
|||||

Db 1 MNKLCCALVPLDISIKWTQETFPKYLHYDEBTSQQLCDKCPGTYLKQHCYAKWT 60
Qy 61 VCAPCPDHYTDSWHTSDECLYCSFVCKELOVYKQECNRTNRRVCECKEGRYLEIEFCLK 120
Db 61 VCAPCPDHYTDSWHTSDECLYCSFVCKELOVYKQECNRTNRRVCECKEGRYLEIEFCLK 120
Qy 121 HRSCEPGGVVQAGTPEBNTVCCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
Db 121 HRSCEPGGVVQAGTPEBNTVCCKRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
Qy 181 HDN1CSGNSSESTQKCGIDVTLCEBAFFFAVPTFTPMVLSVLDNLPGTVMASVERI 240
Db 181 HDN1CSGNSSESTQKCGIDVTLCEBAFFFAVPTFTPMVLSVLDNLPGTVMASVERI 240
Qy 241 KROHSSOEQTQOLLKLMHONKDDIVYKIIODIDLCENSVORHIGHANLTFEOLRSIME 300
Db 241 KROHSSOEQTQOLLKLMHONKDDIVYKIIODIDLCENSVORHIGHANLTFEOLRSIME 300
Qy 301 SLPGKVGABDIETKIKACKPSDQILKLSMRINKGDDTLKGLMHALKHSKTYHPKPT 360
Db 301 SLPGKVGABDIETKIKACKPSDQILKLSMRINKGDDTLKGLMHALKHSKTYHPKPT 360
Qy 361 VTOSLAKTIRPLHSFTMYKLYOKLPLEMIGNOVOSVKISCL 401
Db 361 VTOSLAKTIRPLHSFTMYKLYOKLPLEMIGNOVOSVKISCL 401

RESULT 14

US-10-775-204-1238
Sequence 1238, Application US/10775204
Publication No. US20050186664A1
GENERAL INFORMATION:
APPLICANT: Rosen, Craig A.
APPLICANT: Haselcine, William A.
APPLICANT: Balance, David J.
APPLICANT: Turner, Andrew J.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF564
CURRENT APPLICATION NUMBER: US/10/775,204
CURRENT FILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: 60/351,360
PRIOR FILING DATE: 2002-01-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2222
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1238
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-204-1238

Query Match 100.0%; Score 401; DB 5; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 15:44:39 ; Search time 18 Seconds

(without alignments)
292.341 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 401
Sequence: 1 MNKLCCALVFLDISIKMTT.....QKLFLEMIGNOVSVKISCL 401

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 97014 seqs, 13122538 residues

Word size : 30

Total number of hits satisfying chosen parameters: 12

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database :

Published Applications AA New:
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4: /cgn2_6/ptodaca/1/pubpaa/PCT_NEW_PUB.pep:*
5: /cgn2_6/ptodaca/1/pubpaa/US09_NEW_PUB.pep:*
6: /cgn2_6/ptodaca/1/pubpaa/US10_NEW_PUB.pep:*
7: /cgn2_6/ptodaca/1/pubpaa/US11_NEW_PUB.pep:*
8: /cgn2_6/ptodaca/1/pubpaa/US00_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	401	100.0	401	6	US-10-510-876-2
2	300	74.8	401	6	US-10-510-876-4
3	279	69.6	380	7	US-11-144-236-1
4	279	69.6	537	7	US-11-144-236-6
5	179	44.6	406	6	US-10-948-053-6
6	173	43.1	400	6	US-10-948-053-4
7	173	43.1	400	6	US-10-948-053-5
8	173	43.1	401	6	US-10-948-053-8
9	173	43.1	404	6	US-10-948-053-7
10	173	43.1	407	6	US-10-948-053-3
11	161	40.1	151	7	US-11-154-257-3
12	120	29.9	120	7	US-11-042-814-8

ALIGNMENTS

RESULT 1
US-10-510-876-2
; Sequence 2, Application US/10510876
; Publication No. US20060003928A1
; GENERAL INFORMATION:
; APPLICANT: Power, Christine
; APPLICANT: Pliater-Zyberk, Christine
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fib

TITLE OF INVENTION: disease
; FILE REFERENCE: SLIT-P01-001
; CURRENT APPLICATION NUMBER: US/10/510,876
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: EP02100364.5
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-510-876-2

Query Match 100.0%; Score 401; DB 6; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MNKLCCALVFLDISIKMTTQETPPPKYLAHYDETSQQLCDKCPPTGYLKQHTAKWKT 60

QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTNRYCECKEGRYLEIBCLK 120
   |||
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTNRYCECKEGRYLEIBCLK 120

QY 121 HRSCEPFGVYVQAGTPERNTVCKRCPCDPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
   |||
DB 121 HRSCEPFGVYVQAGTPERNTVCKRCPCDPFNSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180

QY 181 HDNIGCSNNSSTQKCGIDVTLCEBAFRAVPKFTTNNLSVVDNIPGKVAESVERI 240
   |||
DB 181 HDNIGCSNNSSTQKCGIDVTLCEBAFRAVPKFTTNNLSVVDNIPGKVAESVERI 240

QY 241 KROHSSQEQFOLLKLMKQHNQODIVKTIIDIDLCENSVORHGHANTTPEOLRLSLME 300
   |||
DB 241 KROHSSQEQFOLLKLMKQHNQODIVKTIIDIDLCENSVORHGHANTTPEOLRLSLME 300

QY 241 KROHSSQEQFOLLKLMKQHNQODIVKTIIDIDLCENSVORHGHANTTPEOLRLSLME 300
   |||
DB 241 KROHSSQEQFOLLKLMKQHNQODIVKTIIDIDLCENSVORHGHANTTPEOLRLSLME 300

QY 301 SLPGKKVGADEIKTIKACRPSDQILKLSLWRIKNGDQDTLGLMALHKSITYHPKXT 360
   |||
DB 301 SLPGKKVGADEIKTIKACRPSDQILKLSLWRIKNGDQDTLGLMALHKSITYHPKXT 360

QY 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFLEMIGNOVSVKISCL 401
   |||
DB 361 VTQSLKKTIRFLHSFTMYKLYOKLFLFLEMIGNOVSVKISCL 401
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RESULT 2
US-10-510-876-4
; Sequence 4, Application US/10510876
; Publication No. US20060003928A1
; GENERAL INFORMATION:
; APPLICANT: Power, Christine
; APPLICANT: Pliater-Zyberk, Christine
; TITLE OF INVENTION: Use of osteoprotegerin for the treatment and/or prevention of fi
; FILE REFERENCE: SLIT-P01-001
; CURRENT APPLICATION NUMBER: US/10/510,876
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: EP02100364.5
; PRIOR FILING DATE: 2002-04-10
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-510-876-4

Query Match 74.8%; Score 300; DB 6; Length 401;
Best Local Similarity 99.8%; Pred. No. 2,4e-298;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      1 MNLLCALVFLDISIKMTTQETPPKYLHYDEBTSQQLCDKCPGGTYLKQHTAKMT 60
Db      1 MNLLCALVFLDISIKMTTQETPPKYLHYDEBTSQQLCDKCPGGTYLKQHTAKMT 60
Qy      61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLK 120
Db      61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLK 120
Qy      121 HRSCPPGFGVVOAGTPRRNTVCKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNAT 180
Db      121 HRSCPPGFGVVOAGTPRRNTVCKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNAT 180
Qy      181 HDNICGSNSESTQKCGIDVTLCEBAFPRAVPTKFTPNMVLVDNLPGTKVNAESYERI 240
Db      181 HDNICGSNSESTQKCGIDVTLCEBAFPRAVPTKFTPNMVLVDNLPGTKVNAESYERI 240
Qy      241 KROHSSQEQTFQLLKMKHONKQDIYKTIIDIDLCENSVOHRIGHANLTFEQLASLME 300
Db      241 KROHSSQEQTFQLLKMKHONKQDIYKTIIDIDLCENSVOHRIGHANLTFEQLASLME 300
Qy      301 SLPGKVGADIDIKTIKACKPSQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPPKT 360
Db      301 SLPGKVGADIDIKTIKACKPSQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPPKT 360
Qy      361 VTQSLKKTIRFLHSFTWYKLYOKLFLFMIGNOVQSVKISCL 401
Db      361 VTQSLKKTIRFLHSFTWYKLYOKLFLFMIGNOVQSVKISCL 401

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RESULT 3
US-11-144-236-1

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; Sequence 1, Application US/11144236
; Publication No. US20050288219A1
; GENERAL INFORMATION:
; APPLICANT: Nestec SA
; TITLE OF INVENTION: Osteoprotegerin in milk
; FILE REFERENCE: 88265-6852
; CURRENT APPLICATION NUMBER: US/11/144,236
; PRIORITY FILING DATE: 2005-06-02
; PRIOR APPLICATION NUMBER: US/10/676,358
; PRIOR FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: WO 2002 EP 02912
; PRIOR FILING DATE: 2003-03-15
; PRIOR APPLICATION NUMBER: EP 20010108414
; PRIOR FILING DATE: 2001-04-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 380
; TYPE: PRT
; ORGANISM: homo sapiens
US-11-144-236-1

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Query Match 69.6%; Score 279; DB 7; Length 380;

Best Local Similarity 99.7%; Pred. No. 6, 1e-277;

Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      22 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 81
Db      1 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 60
Qy      82 YCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPRRNTV 141
Db      61 YCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPRRNTV 120
Qy      142 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSESTQKCGIDVTL 201
Db      121 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSESTQKCGIDVTL 180
Qy      202 CEEAFPRFAVPTKFTPNMVLVDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 261
Db      181 CEEAFPRFAVPTKFTPNMVLVDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 240

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Qy      262 KQDVIYKTIIDIDLCENSVOHRIGHANLTFEQLASLMSLPKQVGAEDIKTIKACKP 321
Db      241 KQDVIYKTIIDIDLCENSVOHRIGHANLTFEQLASLMSLPKQVGAEDIKTIKACKP 300
Qy      322 SDQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 381
Db      301 SDQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 360
Qy      382 OKLFLFMIGNOVQSVKISCL 401
Db      361 OKLFLFMIGNOVQSVKISCL 380

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RESULT 4
US-11-144-236-6

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; Sequence 6, Application US/11144236
; Publication No. US20050288219A1
; GENERAL INFORMATION:
; APPLICANT: Nestec SA
; TITLE OF INVENTION: Osteoprotegerin in milk
; FILE REFERENCE: 88265-6852
; CURRENT APPLICATION NUMBER: US/11/144,236
; PRIORITY FILING DATE: 2005-06-02
; PRIOR APPLICATION NUMBER: US/10/676,358
; PRIOR FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: WO 2002 EP 02912
; PRIOR FILING DATE: 2003-03-15
; PRIOR APPLICATION NUMBER: EP 20010108414
; PRIOR FILING DATE: 2001-04-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 537
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: protein sequence including mature OPG
US-11-144-236-6

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Query Match 69.6%; Score 279; DB 7; Length 537;

Best Local Similarity 99.7%; Pred. No. 8, 3e-277;

Matches 379; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      22 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 81
Db      158 ETTPPKLHYDEBTSQQLCDKCPGGTYLKQHTAKMTVCAPCPDHYTDSWHTSDECL 217
Qy      82 YCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPRRNTV 141
Db      218 YCSPVCKELQYVKQECNRTNHRVCECKEGRYLEIEFCLKHRSCTPPGFGVVOAGTPRRNTV 277
Qy      142 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSESTQKCGIDVTL 201
Db      278 CKRCPPGFSNETSSAPCRKHTNCSVPGLLLTQKGNATHDNTCSGNSSESTQKCGIDVTL 337
Qy      202 CEEAFPRFAVPTKFTPNMVLVDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 261
Db      338 CEEAFPRFAVPTKFTPNMVLVDNLPGTKVNAESYERIKROHSSQEQTFQLLKMKHON 397
Qy      262 KQDVIYKTIIDIDLCENSVOHRIGHANLTFEQLASLMSLPKQVGAEDIKTIKACKP 321
Db      398 KQDVIYKTIIDIDLCENSVOHRIGHANLTFEQLASLMSLPKQVGAEDIKTIKACKP 457
Qy      322 SDQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 381
Db      458 SDQILLKLSLWRIKNGDQDTLGLMHALKHSKTYHPKTYVQSLKKTIRFLHSFTWYKLY 517
Qy      382 OKLFLFMIGNOVQSVKISCL 401
Db      518 OKLFLFMIGNOVQSVKISCL 537

```

RESULT 5

US-10-948-053-6
; Sequence 6, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-6

Query Match 44.1%; Score 173; DB 6; Length 406;
Best Local Similarity 100.0%; Pred. No. 6, 9e-175;
Matches 179; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 81
DB 1 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 60
QY 82 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 141
DB 61 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 120
QY 142 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOKGIDVT 200
DB 121 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOKGIDVT 179

RESULT 6
US-10-948-053-4
; Sequence 4, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-4

Query Match 43.1%; Score 173; DB 6; Length 400;
Best Local Similarity 100.0%; Pred. No. 9e-169;
Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 81
DB 1 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 60
QY 82 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 141
DB 61 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 120
QY 142 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOK 194
DB 121 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOK 173

RESULT 7
US-10-948-053-5
; Sequence 5, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-5

Query Match 43.1%; Score 173; DB 6; Length 400;
Best Local Similarity 100.0%; Pred. No. 9e-169;
Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 81
DB 1 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 60
QY 82 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 141
DB 61 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 120
QY 142 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOK 194
DB 121 CKRCPDGFFSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNICSGNSSESTOK 173

RESULT 8
US-10-948-053-8
; Sequence 8, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-8

Query Match 43.1%; Score 173; DB 6; Length 401;
Best Local Similarity 100.0%; Pred. No. 9e-169;
Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 81
DB 229 ETPEPKLYHYDEETSHQLCDKCPGTYLKQHCCTAKKTYCAPCPDHYTDSWHTSDCL 288
QY 82 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 141
DB 289 YCSPVCKELOYVQOECNRTNRRVCECKEGRYLIEFCLKRSRCPGFGVVOAGTPERNTV 348

QY 142 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 194
|||||
Db 349 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 401

RESULT 9

US-10-948-053-7
; Sequence 7, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 404
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-7

Query Match 43.1%; Score 173; DB 6; Length 404;
Best Local Similarity 100.0%; Pred. No. 9e-169; Indels 0; Gaps 0;
Matches 173; Conservative 0; Mismatches 0;

QY 22 ETEPPKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECL 81
|||||
Db 1 ETEPPKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECL 60
QY 82 YCSPVCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV 141
|||||
Db 61 YCSPVCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV 120
QY 142 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 194
|||||
Db 121 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 173

RESULT 10

US-10-948-053-3
; Sequence 3, Application US/10948053
; Publication No. US20060019887A1
; GENERAL INFORMATION:
; APPLICANT: Dunstan, Colin R.
; TITLE OF INVENTION: Compositions and Methods for the Prevention or Treatment of Cancer
; FILE REFERENCE: A-605
; CURRENT APPLICATION NUMBER: US/10/948,053
; PRIOR FILING DATE: 2004-09-22
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/389,545
; PRIOR FILING DATE: CURRENT FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 407
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-053-3

Query Match 43.1%; Score 173; DB 6; Length 407;
Best Local Similarity 100.0%; Pred. No. 9.1e-169;
Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 ETEPPKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECL 81
|||||
Db 1 ETEPPKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECL 60
QY 82 YCSPVCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV 141

Db 61 YCSPVCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV 120
|||||

QY 142 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 194
|||||
Db 121 CCRCPDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CSNGBSTOK 173

RESULT 11

US-11-154-257-3
; Sequence 3, Application US/11154257
; Publication No. US20050277151A1
; GENERAL INFORMATION:
; APPLICANT: Hsu, Hailing
; TITLE OF INVENTION: TNF α A Novel Member of the TNF-Receptor Supergene Family
; FILE REFERENCE: 01017/35549B
; CURRENT APPLICATION NUMBER: US/11/154,257
; PRIOR FILING DATE: 2005-06-16
; PRIOR APPLICATION NUMBER: 09/632,277
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/147,297
; PRIOR FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; OTHER INFORMATION: Mus musculus OPG
US-11-154-257-3

Query Match 40.1%; Score 161; DB 7; Length 161;
Best Local Similarity 100.0%; Pred. No. 6.9e-157; Indels 0; Gaps 0;
Matches 161; Conservative 0; Mismatches 0;

QY 26 PKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECLYCSF 85
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Db 1 PKYLHYDEBTSQHLCDKCPGTYLKQHCCTAKMKTVCA CPDHYTDSWHTSDECLYCSF 60
QY 86 VCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV CKRC 145
|||||
Db 61 VCKELQYVQECNRTNRRVCECKEGRYLIEIFCLKRS CPPGFGVVQAGTPERNTV CKRC 120
QY 146 PDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CS 186
|||||
Db 121 PDGFPSNETSSKAPCRKHTNCSVFGLLTQKGNATHDNI CS 161

RESULT 12

US-11-042-814-8
; Sequence 8, Application US/11042814
; Publication No. US20060024267A1
; GENERAL INFORMATION:
; APPLICANT: Jing, Shuqian
; APPLICANT: Welcher, Andrew A
; APPLICANT: Boedigheimer, Michael J
; APPLICANT: Shu, Junyan
; TITLE OF INVENTION: TNF α /OPG-LIKE MOLECULES AND USES THEREOF
; FILE REFERENCE: 01017/36854
; CURRENT APPLICATION NUMBER: US/11/042,814
; PRIOR FILING DATE: 2005-01-25
; PRIOR APPLICATION NUMBER: US/10/146,574
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: US/09/724,037
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Homo sapiens

US-11-042-814-8

Query Match 29.9%; Score 120; DB 7; Length 120;
 Best Local Similarity 100.0%; Pred. No. 3.6e-115;
 Matches 120; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db	1	CNRTNRYVCECKEGRYLEIEFCLKXRSCTPGFGVVOAGTPERNTVCKRCPPDGFPSTSS	60
QY	157	KAPCRKHTNCSVFGILLTQKGNATHDNI CSGNSESTOKGIDVTLCEBAFPFAVPTKFT	216
Db	61	KAPCRKHTNCSVFGILLTQKGNATHDNI CSGNSESTOKGIDVTLCEBAFPFAVPTKFT	120

Search completed: February 8, 2006, 15:47:52
 Job time : 19 secs

Handwritten text, possibly a signature or date, oriented diagonally.

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 14:53:38 ; Search time 49 Seconds
(without alignments)
676.591 Million cell updates/sec

Title: US-09-526-437-2

Perfect score: 2200
Sequence: 1 MNKLLCCALVFLDISIKWTT.....QKFLFKMGVGVSKISCL 401

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patente AA: *
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2: /cgm2_6/ptodata/1/1aa/6 COMB.pdp: *
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2200	100.0	401	2	US-09-153-927-1
2	2200	100.0	401	2	US-09-072-993C-1
3	2195	99.8	401	2	US-10-232-858-5
4	2195	99.8	401	2	US-09-338-063A-5
5	2192	99.6	401	2	US-08-974-022-6
6	2192	99.6	401	2	US-09-042-785A-12
7	2192	99.6	401	2	US-08-795-445A-6
8	2192	99.6	401	2	US-08-795-447A-6
9	2192	99.6	401	2	US-08-974-186-6
10	2192	99.6	401	2	US-08-795-446B-6
11	2192	99.6	401	2	US-08-706-945D-128
12	2192	99.6	401	2	US-08-577-788C-6
13	2192	99.6	401	2	US-08-577-788C-56
14	2192	99.6	401	2	US-09-064-832-2
15	2185	99.3	401	2	US-10-232-858-62
16	2185	99.3	401	2	US-10-232-858-63
17	2185	99.3	401	2	US-10-232-858-64
18	2185	99.3	401	2	US-10-232-858-65
19	2185	99.3	401	2	US-10-232-858-66
20	2185	99.3	401	2	US-09-338-063A-62
21	2185	99.3	401	2	US-09-338-063A-63
22	2185	99.3	401	2	US-09-338-063A-64
23	2185	99.3	401	2	US-09-338-063A-65
24	2185	99.3	401	2	US-09-338-063A-66
25	2182	99.2	399	2	US-10-232-858-73
26	2182	99.2	399	2	US-09-338-063A-73
27	2149	97.7	393	2	US-10-232-858-79

28	2149	97.7	393	2	US-09-338-063A-79	Sequence 79, Appl
29	2146.5	97.6	394	2	US-10-232-858-9	Sequence 9, Appl
30	2146.5	97.6	394	2	US-09-338-063A-9	Sequence 9, Appl
31	2146	97.5	391	2	US-10-232-858-106	Sequence 106, Appl
32	2146	97.5	391	2	US-09-338-063A-106	Sequence 106, Appl
33	2087	94.9	380	2	US-10-232-858-4	Sequence 4, Appl
34	2087	94.9	380	2	US-09-338-063A-4	Sequence 4, Appl
35	1977.5	89.9	362	2	US-10-232-858-11	Sequence 11, Appl
36	1977.5	89.9	362	2	US-09-338-063A-11	Sequence 11, Appl
37	1976	89.8	364	2	US-08-706-945D-142	Sequence 142, App
38	1950	88.6	363	2	US-10-232-858-69	Sequence 69, Appl
39	1950	88.6	363	2	US-09-338-063A-69	Sequence 69, Appl
40	1938	88.1	351	2	US-10-232-858-74	Sequence 74, Appl
41	1938	88.1	351	2	US-09-338-063A-74	Sequence 74, Appl
42	1927	87.6	359	2	US-10-232-858-70	Sequence 70, Appl
43	1927	87.6	359	2	US-09-338-063A-70	Sequence 70, Appl
44	1918.5	87.2	360	2	US-10-232-858-67	Sequence 67, Appl
45	1918.5	87.2	360	2	US-09-338-063A-67	Sequence 67, Appl

ALIGNMENTS

RESULT 1									
US-09-153-927-1									
Sequence 1, Application US/09153927A									
Patent No. 6297022									
GENERAL INFORMATION:									
APPLICANT: McDonnell, Peter C.									
APPLICANT: Young, Peter R.									
APPLICANT: Zou, Jun									
TITLE OF INVENTION: A Method of Identifying Agonists and									
TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3									
FILE REFERENCE: GH50031									
CURRENT APPLICATION NUMBER: US/09/153,927A									
EARLIER APPLICATION NUMBER: 1998-09-16									
EARLIER FILING DATE: 1997-10-08									
NUMBER OF SEQ ID NOS: 11									
SOFTWARE: FastSeq for Windows Version 3.0									
SEQ ID NO 1									
LENGTH: 401									
TYPE: PRT									
ORGANISM: Human									
US-09-153-927-1									
Query Match									
Best Local Similarity 100.0%; Score 2200; DB 2; Length 401;									
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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Db	1	MNKLCCALVFLDISIKWTTQETPPPKYLYHDEBTSQQLCDKCPGTYLKQHTAKWKT	60						
Qy	61	VCAPCPDHYTDSMTSDECLYCSPVCKELQYVQKQCNRTNRYCEKGRYLEIFCLK	120						
Db	61	VCAPCPDHYTDSMTSDECLYCSPVCKELQYVQKQCNRTNRYCEKGRYLEIFCLK	120						
Qy	121	HRSCPFGVVGATPFRNTVCKKCPDGFSSNETSSAPCRKHTNCSVPGILLTQKNAT	180						
Db	121	HRSCPFGVVGATPFRNTVCKKCPDGFSSNETSSAPCRKHTNCSVPGILLTQKNAT	180						
Qy	181	HDNIGSNSESTQKCGIDVTLCEBAFPRFAVPTFTPNMLSVLDNLPGRVNAESVERI	240						
Db	181	HDNIGSNSESTQKCGIDVTLCEBAFPRFAVPTFTPNMLSVLDNLPGRVNAESVERI	240						
Qy	241	KRQHSQEQTFOLKLKMKHONKQDIYKTIIDIDLCENSVORHIGANTTFEQLRLME	300						
Db	241	KRQHSQEQTFOLKLKMKHONKQDIYKTIIDIDLCENSVORHIGANTTFEQLRLME	300						
Qy	301	SLGKKYVAGDIETKTKACKPSDQILKLILMTIKNGDDDTLGLMHALHRSKTYHFPKT	360						
Db	301	SLGKKYVAGDIETKTKACKPSDQILKLILMTIKNGDDDTLGLMHALHRSKTYHFPKT	360						

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Qy 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
Db 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 2

US-09-072-993C-1
Sequence 1: Application US/09072993C
Patent No. 6346388
GENERAL INFORMATION:
APPLICANT: Michael R. Brigham-Burke
APPLICANT: Peter R. Young
TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
FILE REFERENCE: GH-50030
CURRENT APPLICATION NUMBER: US/09/072,993C
CURRENT FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/055,513
PRIOR FILING DATE: 1997-08-13
PRIOR APPLICATION NUMBER: 60/056,980
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/057,550
PRIOR FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 401
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-072-993C-1

Query Match 100.0%; Score 2200; DB 2; Length 401;
Best Local Similarity 100.0%; Pred. No. 5,7e-193;
Matches 401; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKT 60
Db 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKT 60
Qy 61 VCAPCPDHYTDSMHTSDDECLYCSPVCKELQYVKQECNRTNRYCECKEGRYLIEFCLK 120
Db 61 VCAPCPDHYTDSMHTSDDECLYCSPVCKELQYVKQECNRTNRYCECKEGRYLIEFCLK 120
Qy 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
Db 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
Qy 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
Db 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
Qy 181 HDNIGSNGESTQKCGIDVTLCEBAFRAVPTKTPNMLSVLVNLPGTKVAASVERI 240
Db 181 HDNIGSNGESTQKCGIDVTLCEBAFRAVPTKTPNMLSVLVNLPGTKVAASVERI 240
Qy 241 KROHSSQEQTFQLLKLMKQKQNDIVKTIIDIDLCENSVORHIGHANLTFEQLSLME 300
Db 241 KROHSSQEQTFQLLKLMKQKQNDIVKTIIDIDLCENSVORHIGHANLTFEQLSLME 300
Qy 301 SLPGKVVGAEDIEKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKYHFPKT 360
Db 301 SLPGKVVGAEDIEKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKYHFPKT 360
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Db 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 3

US-10-232-858-5
Sequence 5: Application US/10232858
Patent No. 6855808
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke

APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6855808uyuki
APPLICANT: YASUDA, Hiataaka
APPLICANT: NAKAGAWA, No. 6855808uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatsugu
TITLE OF INVENTION: No. 6855808el Proteins and Methods for Producing the Proteins
FILE REFERENCE: 16991.004
CURRENT APPLICATION NUMBER: US/10/232,858
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: 08/915,004
PRIOR FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-10-232-858-5

Query Match 99.8%; Score 2195; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 1.6e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNKLCCALVFLDISIKMTTOETFPKYLHYDEBTSQQLCDKCPPTYLKQHTAKMKT 60
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Db 61 VCAPCPDHYTDSMHTSDDECLYCSPVCKELQYVKQECNRTNRYCECKEGRYLIEFCLK 120
Qy 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
Db 121 HRCSPGFGVVGQGTPEKNTVCKRCPDGFFSNETSSKAPCRKKTNCVSFGLLLTQKGNAT 180
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Db 181 HDNIGSNGESTQKCGIDVTLCEBAFRAVPTKTPNMLSVLVNLPGTKVAASVERI 240
Qy 241 KROHSSQEQTFQLLKLMKQKQNDIVKTIIDIDLCENSVORHIGHANLTFEQLSLME 300
Db 241 KROHSSQEQTFQLLKLMKQKQNDIVKTIIDIDLCENSVORHIGHANLTFEQLSLME 300
Qy 301 SLPGKVVGAEDIEKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKYHFPKT 360
Db 301 SLPGKVVGAEDIEKTIKACKPSDQILKLSLWRKNGDDPTLKGMLHAKHSKYHFPKT 360
Qy 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
Db 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 4

US-09-338-063A-5
Sequence 5: Application US/09338063A
Patent No. 6919434
GENERAL INFORMATION:
APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. 6919434uyuki
APPLICANT: YASUDA, Hiataaka
APPLICANT: NAKAGAWA, No. 6919434uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatsugu

APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: Monoclonal Antibodies that Bind OC1F
FILE REFERENCE: 16991.005
CURRENT APPLICATION NUMBER: US/09/338,063A
CURRENT FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 08/915,004
PRIOR FILING DATE: 1997-08-20
PRIOR APPLICATION NUMBER: PCT/JP96/00374
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: JP 207508/1995
PRIOR FILING DATE: 1995-07-21
PRIOR APPLICATION NUMBER: JP 054977/1995
PRIOR FILING DATE: 1995-02-20
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-09-338-063A-5

Query Match 99.8%; Score 2195; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 1,6e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60
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DB 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGGRYLTIEFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVYCKRCPDGPFNSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVYCKRCPDGPFNSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
QY 181 HDN1CSGNSBSTQCGIDVTLCBEAFPRFAVPTKFTPNWLSVLVDNLPGTVMASVERI 240
DB 181 HDN1CSGNSBSTQCGIDVTLCBEAFPRFAVPTKFTPNWLSVLVDNLPGTVMASVERI 240
QY 241 KROHSSQEQTFQKLKMKQKQKODIVKTIIDIDLCENSYORHIGHANLTFEQLRLSME 300
DB 241 KROHSSQEQTFQKLKMKQKQKODIVKTIIDIDLCENSYORHIGHANLTFEQLRLSME 300
QY 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSKTYHPKXT 360
DB 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSKTYHPKXT 360
QY 361 VTOSLAKTIRPLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 5

US-08-974-022-6
Sequence 6, Application US/08974022
Patent No. 6015938

GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calcione, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavenland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-022-6

Query Match 99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3,1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60
DB 1 MNKLCCALVPLDISIKMTTQETPPPKYLAHYDEETSHQLCDKCPGTYLKQHCCTAKWKT 60
QY 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGGRYLTIEFCLK 120
DB 61 VCACCPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRRVCECEGGRYLTIEFCLK 120
QY 121 HRSCEPFGVVOAGTPERNVYCKRCPDGPFNSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
DB 121 HRSCEPFGVVOAGTPERNVYCKRCPDGPFNSNETSSKAPCRKHTNCSVFGLLTQKGNAT 180
QY 181 HDN1CSGNSBSTQCGIDVTLCBEAFPRFAVPTKFTPNWLSVLVDNLPGTVMASVERI 240
DB 181 HDN1CSGNSBSTQCGIDVTLCBEAFPRFAVPTKFTPNWLSVLVDNLPGTVMASVERI 240
QY 241 KROHSSQEQTFQKLKMKQKQKODIVKTIIDIDLCENSYORHIGHANLTFEQLRLSME 300
DB 241 KROHSSQEQTFQKLKMKQKQKODIVKTIIDIDLCENSYORHIGHANLTFEQLRLSME 300
QY 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSKTYHPKXT 360
DB 301 SLPEKKGAEDEIKTIKACRPSDQILKLSLMRIKNGDQDTLKGMLAKHSKTYHPKXT 360
QY 361 VTOSLAKTIRPLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401
DB 361 VTOSLAKTIRPLHSFTMYKLYOKLFLEMIGNOVSVKISCL 401

RESULT 6

US-09-042-785A-12
Sequence 12, Application US/09042785A
Patent No. 6194151

GENERAL INFORMATION:
APPLICANT: Bugfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-042-785A-12
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Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;

Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNLLCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
DB 1 MNLLCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCKEGRYLEIEFCLK 120
QY 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNESSTQKCGIDVTLCBEAFPRFAVPTKTPNMLSVLVNDLPGTKVAESVERI 240
DB 181 HDNIGSGNESSTQKCGIDVTLCBEAFPRFAVPTKTPNMLSVLVNDLPGTKVAESVERI 240
QY 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
DB 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
QY 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
DB 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDODTLKGLMHALKHSTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDODTLKGLMHALKHSTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
```

RESULT 7

US-08-795-445A-6

Sequence 6, Application US/08795445A

Patent No. 6284485

GENERAL INFORMATION:

APPLICANT: Boyle, William J.

APPLICANT: Lacey, David L.

APPLICANT: Calzone, Frank J.

APPLICANT: Chang, Ming-Shi

TITLE OF INVENTION: OSTEOPROTEGERIN

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Amgen Inc.

STREET: 1840 Denavilland Drive

CITY: Thousand Oaks

```
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,445A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-445A-6
```

Query Match 99.6%; Score 2192; DB 2; Length 401;

Best Local Similarity 99.8%; Pred. No. 3.1e-192;

Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNLLCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
DB 1 MNLLCALVFLDISIKMTTOETFPKYLHYDEBESHQLCDKCPGTYLKQHTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQCNRTNHNVCCKEGRYLEIEFCLK 120
QY 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
DB 121 HRSCEPGFVGVOAGTPEBNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
QY 181 HDNIGSGNESSTQKCGIDVTLCBEAFPRFAVPTKTPNMLSVLVNDLPGTKVAESVERI 240
DB 181 HDNIGSGNESSTQKCGIDVTLCBEAFPRFAVPTKTPNMLSVLVNDLPGTKVAESVERI 240
QY 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
DB 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
QY 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
DB 241 KROHSSQEQTFQLLKLMKQKQKODIVKIIIDIDLCENSVQRHIGHANTTFEQLSLME 300
QY 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDODTLKGLMHALKHSTYHPKPT 360
DB 301 SLPGKRVGADIEKTIKACPSDQILKLSLWRIKNGDODTLKGLMHALKHSTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVQSVKISCL 401
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RESULT 8

US-08-795-447A-6

Sequence 6, Application US/08795447A

Patent No. 6284728

GENERAL INFORMATION:

APPLICANT: Boyle, William J.

APPLICANT: Lacey, David L.

APPLICANT: Calzone, Frank J.

APPLICANT: Chang, Ming-Shi

TITLE OF INVENTION: Osteoprotegerin

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Amgen Inc.

STREET: One Amgen Center Drive

CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91362-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,447A
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378D2
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-447A-6

Query Match 99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3,1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNKLCCALVFLDISIKMTQETPPPKYLYHDEETSHQLCDKCPGTYLKQHCYAKWKT 60
DB 1 MNKLCCALVFLDISIKMTQETPPPKYLYHDEETSHQLCDKCPGTYLKQHCYAKWKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLIBFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLIBFCLK 120
QY 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
QY 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFVPTKFTPNM1SVLDN1PGTVNAESVERI 240
DB 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFVPTKFTPNM1SVLDN1PGTVNAESVERI 240
QY 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300
DB 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300
QY 301 SLPGKTVGAEDIETKTIRACKPSDOI1KLLSLMRIKNGDQDTLKGLMHALKHSTYHPPKT 360
DB 301 SLPGKTVGAEDIETKTIRACKPSDOI1KLLSLMRIKNGDQDTLKGLMHALKHSTYHPPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
```

RESULT 9
US-08-974-186-6
Sequence 6, Application US/08974186
Patent No. 6284740
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehaven Drive
CITY: Thousand Oaks
STATE: California

COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,186
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-186-6

Query Match 99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3,1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNKLCCALVFLDISIKMTQETPPPKYLYHDEETSHQLCDKCPGTYLKQHCYAKWKT 60
DB 1 MNKLCCALVFLDISIKMTQETPPPKYLYHDEETSHQLCDKCPGTYLKQHCYAKWKT 60
QY 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLIBFCLK 120
DB 61 VCACPDHYTDSWHTSDECLYCSPVCKELQYVQECNRTNRYCECKEGYLIBFCLK 120
QY 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
QY 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
DB 121 HRSCEPFGVQVQATPERNTYCKRCPDGPFNSNETSSKAPCKKHTNCSVFGILLTQKGNAT 180
QY 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFVPTKFTPNM1SVLDN1PGTVNAESVERI 240
DB 181 HDN1CSGNSSTQCGIDVTLCEBAFPRFVPTKFTPNM1SVLDN1PGTVNAESVERI 240
QY 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300
DB 241 KRQSSQEQTFQLLKLMQKQKQDIYKIIQDIDLCENSVQRHIGHANLTFEQLRSIME 300
QY 301 SLPGKTVGAEDIETKTIRACKPSDOI1KLLSLMRIKNGDQDTLKGLMHALKHSTYHPPKT 360
DB 301 SLPGKTVGAEDIETKTIRACKPSDOI1KLLSLMRIKNGDQDTLKGLMHALKHSTYHPPKT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
DB 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
```

RESULT 10
US-08-795-446B-6
Sequence 6, Application US/08795446B
Patent No. 6288032
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehaven Drive
CITY: Thousand Oaks

```

; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,446B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-795-446B-6

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120
QY 121 HRSCPPGFVVOAGTERNTVCKRCPDGFPNMTSSKAPCRKTNCSVFGLLLTOKGNAT 180
DB 121 HRSCPPGFVVOAGTERNTVCKRCPDGFPNMTSSKAPCRKTNCSVFGLLLTOKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCEBAFPRFAVPTKPTNMLSVLVNDLPGTKNAESVERI 240
DB 181 HDNIGSGNSESTQKCGIDVTLCEBAFPRFAVPTKPTNMLSVLVNDLPGTKNAESVERI 240
QY 241 KRQHSQEQTFOLLKMKQONKQODIVKTIIDIDLCENSVOHHIGANLTFEQLSLME 300
DB 241 KRQHSQEQTFOLLKMKQONKQODIVKTIIDIDLCENSVOHHIGANLTFEQLSLME 300
QY 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLHAKHSTYHPKPT 360
DB 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLHAKHSTYHPKPT 360
QY 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVQVKSICL 401
DB 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVQVKSICL 401

RESULT 11
US-08-706-945D-128
; Sequence 128, Application US/08706945D
; Patent No. 6369027
; GENERAL INFORMATION:
; APPLICANT: Boyle, William
; APPLICANT: Lacey, David
; APPLICANT: Calzone, Frank
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; FILE REFERENCE: A-378CIP
; CURRENT APPLICATION NUMBER: US/08/706, 945D
; CURRENT FILING DATE: 1996-09-03
; PRIOR APPLICATION NUMBER: 08/577,788

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; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 128
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-08-706-945D-128

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120
QY 121 HRSCPPGFVVOAGTERNTVCKRCPDGFPNMTSSKAPCRKTNCSVFGLLLTOKGNAT 180
DB 121 HRSCPPGFVVOAGTERNTVCKRCPDGFPNMTSSKAPCRKTNCSVFGLLLTOKGNAT 180
QY 181 HDNIGSGNSESTQKCGIDVTLCEBAFPRFAVPTKPTNMLSVLVNDLPGTKNAESVERI 240
DB 181 HDNIGSGNSESTQKCGIDVTLCEBAFPRFAVPTKPTNMLSVLVNDLPGTKNAESVERI 240
QY 241 KRQHSQEQTFOLLKMKQONKQODIVKTIIDIDLCENSVOHHIGANLTFEQLSLME 300
DB 241 KRQHSQEQTFOLLKMKQONKQODIVKTIIDIDLCENSVOHHIGANLTFEQLSLME 300
QY 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLHAKHSTYHPKPT 360
DB 301 SLPGKKVGAEDIEKTIKACKPSDQILKLSLWRIKNGDDDTLKGMLHAKHSTYHPKPT 360
QY 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVQVKSICL 401
DB 361 VTOSLKKTIKIRFLHSFTMYKLYOKLFLEMIGNOVQVKSICL 401

RESULT 12
US-08-577-788C-6
; Sequence 6, Application US/08577788C
; Patent No. 6613544
; GENERAL INFORMATION:
; APPLICANT: Boyle, William
; APPLICANT: Lacey, David
; APPLICANT: Calzone, Frank
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; FILE REFERENCE: A-378 Rev
; CURRENT APPLICATION NUMBER: US/08/577,788C
; CURRENT FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-08-577-788C-6

Query Match          99.6%; Score 2192; DB 2; Length 401;
Best Local Similarity 99.8%; Pred. No. 3.1e-192;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
DB 1 MNKLCCALVFLDISIKMTTOETFPFKYLYHDETSHQLCDKCPGTYYLKHCTAKMT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120
DB 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVQKQECNRTHNVCCKEGRYLEIEFCLK 120

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Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTHNVCECKEGRYLEIEFCCLK 120
QY 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
Db 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
Db 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
QY 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
Db 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
QY 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
Db 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 13

US-08-577-788C-56
; Sequence 56, Application US/08577788C
; Patent No. 6613544
; GENERAL INFORMATION:
; APPLICANT: Boyle, William
; APPLICANT: Lacey, David
; APPLICANT: Calzone, Frank
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; FILE REFERENCE: A-378 Rev
; CURRENT APPLICATION NUMBER: US/08/577, 788C
; CURRENT FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-577-788C-56

Query Match

Best Local Similarity 99.8%; Score 2192; DB 2; Length 401;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLLCCALVFLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPGTYLKOHCTAKMKT 60
Db 1 MNKLLCCALVFLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPGTYLKOHCTAKMKT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTHNVCECKEGRYLEIEFCCLK 120
Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTHNVCECKEGRYLEIEFCCLK 120
QY 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
Db 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
Db 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
QY 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
Db 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
QY 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
Db 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

RESULT 14

US-09-064-832-2
; Sequence 2, Application US/09064832
; Patent No. 6790823
; GENERAL INFORMATION:
; APPLICANT: Simone, Scott
; APPLICANT: Sarcos, Ildiko
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064, 832
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-525
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 401 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-064-832-2

Query Match

Best Local Similarity 99.8%; Score 2192; DB 2; Length 401;
Matches 400; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNKLLCCALVFLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPGTYLKOHCTAKMKT 60
Db 1 MNKLLCCALVFLDISIKMTTQETFPKYLHYDEBESHQLLCDKCPGTYLKOHCTAKMKT 60
QY 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTHNVCECKEGRYLEIEFCCLK 120
Db 61 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKEQECNRTHNVCECKEGRYLEIEFCCLK 120
QY 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
Db 121 HRCSPGPGFVQAGTBERNTVCKRCPCDGFPSNETSSKAPCRKHTNCSVFGILLTQKGNAT 180
QY 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
Db 181 HDNIGSGNSBSTOKCGIDVTLCBFAFRFAVPTKFTPNMLSVLDNLPGTKVNAESVERI 240
QY 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
Db 241 KROHSSQEQTFOLLKLMKQNKQKODIVKXIIOIDICENSVOHHIGHANLTFEQLSLIME 300
QY 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
Db 301 SLPGKKVGAADIEKTIKACRPSDOIILKLSLWRIKNGDODTLKGLMHALKHSKTYHPKPT 360
QY 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401
Db 361 VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNOVSVKISCL 401

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RESULT 15
US-10-232-858-62
/ Sequence 62, Application US/10232858
/ Patent No. 6855808
/ GENERAL INFORMATION:
/ APPLICANT: GOTO, Masaaki
/ APPLICANT: TSUDA, Saeuke
/ APPLICANT: MOCHIZUKI, Shin'ichi
/ APPLICANT: YANO, Kazuki
/ APPLICANT: KOBAYASHI, Fumie
/ APPLICANT: SHIMA, No. 6855808yuki
/ APPLICANT: YASUDA, Hirotaka
/ APPLICANT: NAKAGAWA, No. 6855808uaki
/ APPLICANT: MORINAGA, Tomonori
/ APPLICANT: UEDA, Masaeugu
/ APPLICANT: HIGASHIO, Kanji
/ TITLE OF INVENTION: No. 6855808e1 Proteins and Methods for Producing the Proteins
/ FILE REFERENCE: 16991.004
/ CURRENT APPLICATION NUMBER: US/10/232, 858
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: PCT/JP96/00374
/ PRIOR FILING DATE: 1996-02-20
/ PRIOR APPLICATION NUMBER: 08/915, 004
/ PRIOR FILING DATE: 1997-08-20
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 62
/ LENGTH: 401
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-232-858-62

Query Match      99.3%; Score 2185; DB 2; Length 401;
Best Local Similarity 99.5%; Pred. No. 1.3e-191;
Matches 399; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1  MNKLCCALVFLDISIKMTTOETPPKYLHYDEETSHQLCDKCPPTYLKOHCTAKMT 60
DB      1  MNKLCCALVFLDISIKMTTOETPPKYLHYDEETSHQLCDKCPPTYLKOHCTAKMT 60

QY      61  VCAPCPDHYTYTDSMTSDECLYCSPVCKELQYVQKQBCNRTNRYCECKGRYLEIEPCLK 120
DB      61  VCAPCPDHYTYTDSMTSDECLYCSPVCKELQYVQKQBCNRTNRYCECKGRYLEIEPCLK 120

QY      121  HRCQPPGFGVVOAGTPERNTVCKRCBPDPFSNETSSKAPCRKHTNCVFGILLTOKGNAT 180
DB      121  HRCQPPGFGVVOAGTPERNTVCKRCBPDPFSNETSSKAPCRKHTNCVFGILLTOKGNAT 180

QY      181  HDNIGSGNSBSTQKCGIDVTLCEBAFPRFAVPTKFTPNMTLSVLVDNLPGTKVNAESVERI 240
DB      181  HDNIGSGNSBSTQKCGIDVTLCEBAFPRFAVPTKFTPNMTLSVLVDNLPGTKVNAESVERI 240

QY      241  KRQSSSQEQTFQLKLMKQNKQDIYVKIIOIDILCENSVOHIGHANLTFEQLSLME 300
DB      241  KRQSSSQEQTFQLKLMKQNKQDIYVKIIOIDILCENSVOHIGHANLTFEQLSLME 300

QY      301  SLPGKRYGADIEKTIYACRPSDOIILKLSIMRIKNGDOTLKGLMALHGSTYHPPKT 360
DB      301  SLPGKRYGADIEKTIYACRPSDOIILKLSIMRIKNGDOTLKGLMALHGSTYHPPKT 360

QY      361  VTQSLKKTIRPLSFYTKLYOKLFLFMIGNOVSVKISCL 401
DB      361  VTQSLKKTIRPLSFYTKLYOKLFLFMIGNOVSVKISCL 401
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Search completed: February 8, 2006, 14:54:35
Job time : 50 secs